

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080321\
 Data File : BP006483.D
 Acq On : 03 Aug 2021 18:08
 Operator : CG/JU
 Sample : M2262-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Manual Integrations
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Quant Time: Aug 03 18:43:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 18:07:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	178738	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	742663	20.000	ng	# 0.00
39) Acenaphthene-d10	14.387	164	426430	20.000	ng	0.00
64) Phenanthrene-d10	17.140	188	858508	20.000	ng	# 0.00
76) Chrysene-d12	21.233	240	869594	20.000	ng	# 0.00
86) Perylene-d12	23.563	264	894701	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1391104	119.541	ng	0.00
7) Phenol-d6	6.934	99	1927208	116.584	ng	0.00
23) Nitrobenzene-d5	8.916	82	1051393	65.345	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	526860	118.218	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	1829895	64.202	ng	0.00
79) Terphenyl-d14	19.716	244	2656979	61.224	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	55616	10.978	ng	90
3) Pyridine	3.705	79	139077	9.340	ng	89
4) n-Nitrosodimethylamine	3.617	42	59990	10.674	ng	# 92
6) Aniline	7.093	93	206802	11.517	ng	94
8) 2-Chlorophenol	7.322	128	127524	10.128	ng	90
9) Benzaldehyde	6.911	77	130646m	13.131	ng	
10) Phenol	6.958	94	165130	9.962	ng	94
11) bis(2-Chloroethyl)ether	7.193	93	129373	10.279	ng	90
12) 1,3-Dichlorobenzene	7.646	146	136501	10.402	ng	96
13) 1,4-Dichlorobenzene	7.793	146	138043	10.365	ng	95
14) 1,2-Dichlorobenzene	8.105	146	133231	10.425	ng	94
15) Benzyl Alcohol	8.005	79	119992	9.679	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.293	45	155808	10.403	ng	92
17) 2-Methylphenol	8.205	107	104151	9.951	ng	98
18) Hexachloroethane	8.828	117	55587	10.545	ng	# 87
19) n-Nitroso-di-n-propyla...	8.563	70	109286	9.854	ng	# 96
20) 3+4-Methylphenols	8.528	107	138549	9.725	ng	98
22) Acetophenone	8.581	105	206192	10.469	ng	97
24) Nitrobenzene	8.958	77	168872	10.097	ng	91
25) Isophorone	9.481	82	263761	9.127	ng	94
26) 2-Nitrophenol	9.663	139	53597	8.805	ng	94
27) 2,4-Dimethylphenol	9.728	122	113022	11.088	ng	99
28) bis(2-Chloroethoxy)met...	9.969	93	167262	10.817	ng	# 97
29) 2,4-Dichlorophenol	10.193	162	94654	9.172	ng	93
30) 1,2,4-Trichlorobenzene	10.405	180	110551	9.970	ng	97
31) Naphthalene	10.593	128	394668	9.890	ng	100
32) Benzoic acid	9.799	122	51080m	6.478	ng	
33) 4-Chloroaniline	10.705	127	164030	10.157	ng	# 95
34) Hexachlorobutadiene	10.875	225	63566	9.837	ng	96
35) Caprolactam	11.481	113	32468	8.726	ng	# 66
36) 4-Chloro-3-methylphenol	11.828	107	119440	9.110	ng	88
37) 2-Methylnaphthalene	12.204	142	267922	9.908	ng	99
38) 1-Methylnaphthalene	12.422	142	246320	9.585	ng	98
40) 1,2,4,5-Tetrachloroben...	12.569	216	115090	10.312	ng	# 96
41) Hexachlorocyclopentadiene	12.552	237	74095	12.517	ng	99
43) 2,4,6-Trichlorophenol	12.816	196	67817	8.899	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	76932	9.120	ng	# 87
46) 1,1'-Biphenyl	13.222	154	334922	10.377	ng	96
47) 2-Chloronaphthalene	13.257	162	245082	9.860	ng	93
48) 2-Nitroaniline	13.469	65	78055	8.898	ng	# 84
49) Acenaphthylene	14.104	152	396853	9.902	ng	99
50) Dimethylphthalate	13.851	163	307794	9.916	ng	98
51) 2,6-Dinitrotoluene	13.969	165	60949	8.799	ng	# 71
52) Acenaphthene	14.451	154	238094	9.761	ng	99
53) 3-Nitroaniline	14.298	138	69597	9.064	ng	# 80
54) 2,4-Dinitrophenol	14.498	184	24113	6.657	ng	# 78
55) Dibenzofuran	14.787	168	376843	9.822	ng	95
56) 4-Nitrophenol	14.598	139	57440	8.615	ng	# 81
57) 2,4-Dinitrotoluene	14.751	165	78693	8.472	ng	# 72
58) Fluorene	15.434	166	299320	9.760	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.010	232	61076	8.640	ng	# 65
60) Diethylphthalate	15.222	149	317747	9.746	ng	98
61) 4-Chlorophenyl-phenyle...	15.440	204	139571	10.050	ng	# 89
62) 4-Nitroaniline	15.457	138	72719	8.925	ng	94
63) Azobenzene	15.728	77	361853	9.520	ng	92
65) 4,6-Dinitro-2-methylph...	15.516	198	34341	6.547	ng	72
66) n-Nitrosodiphenylamine	15.651	169	253653	9.400	ng	99
67) 4-Bromophenyl-phenylether	16.334	248	78076	9.478	ng	# 85
68) Hexachlorobenzene	16.434	284	92036	9.818	ng	# 86
69) Atrazine	16.610	200	82375	9.783	ng	96
70) Pentachlorophenol	16.787	266	49095	8.255	ng	97
71) Phenanthrene	17.181	178	472585	9.759	ng	99
72) Anthracene	17.269	178	459473	9.819	ng	100
73) Carbazole	17.545	167	440255	9.224	ng	99
74) Di-n-butylphthalate	18.116	149	492761	9.062	ng	99
75) Fluoranthene	19.151	202	509273	9.370	ng	94
77) Benzidine	19.339	184	275727	12.671	ng	99
78) Pyrene	19.504	202	542778	9.345	ng	98
80) Butylbenzylphthalate	20.398	149	212615	8.324	ng	# 84
81) Benzo(a)anthracene	21.222	228	530833	9.341	ng	100
82) 3,3'-Dichlorobenzidine	21.163	252	181611	12.173	ng	# 98
83) Chrysene	21.269	228	527686	9.578	ng	99
84) Bis(2-ethylhexyl)phtha...	21.163	149	332755	8.669	ng	# 95
85) Di-n-octyl phthalate	22.069	149	532235	8.413	ng	# 93
87) Indeno(1,2,3-cd)pyrene	25.963	276	605776	9.338	ng	# 88
88) Benzo(b)fluoranthene	22.851	252	553095	9.512	ng	# 95
89) Benzo(k)fluoranthene	22.898	252	516194	9.246	ng	# 95
90) Benzo(a)pyrene	23.457	252	499947	9.586	ng	# 95
91) Dibenzo(a,h)anthracene	25.986	278	526333	9.383	ng	# 92
92) Benzo(g,h,i)perylene	26.698	276	506780	9.428	ng	# 90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

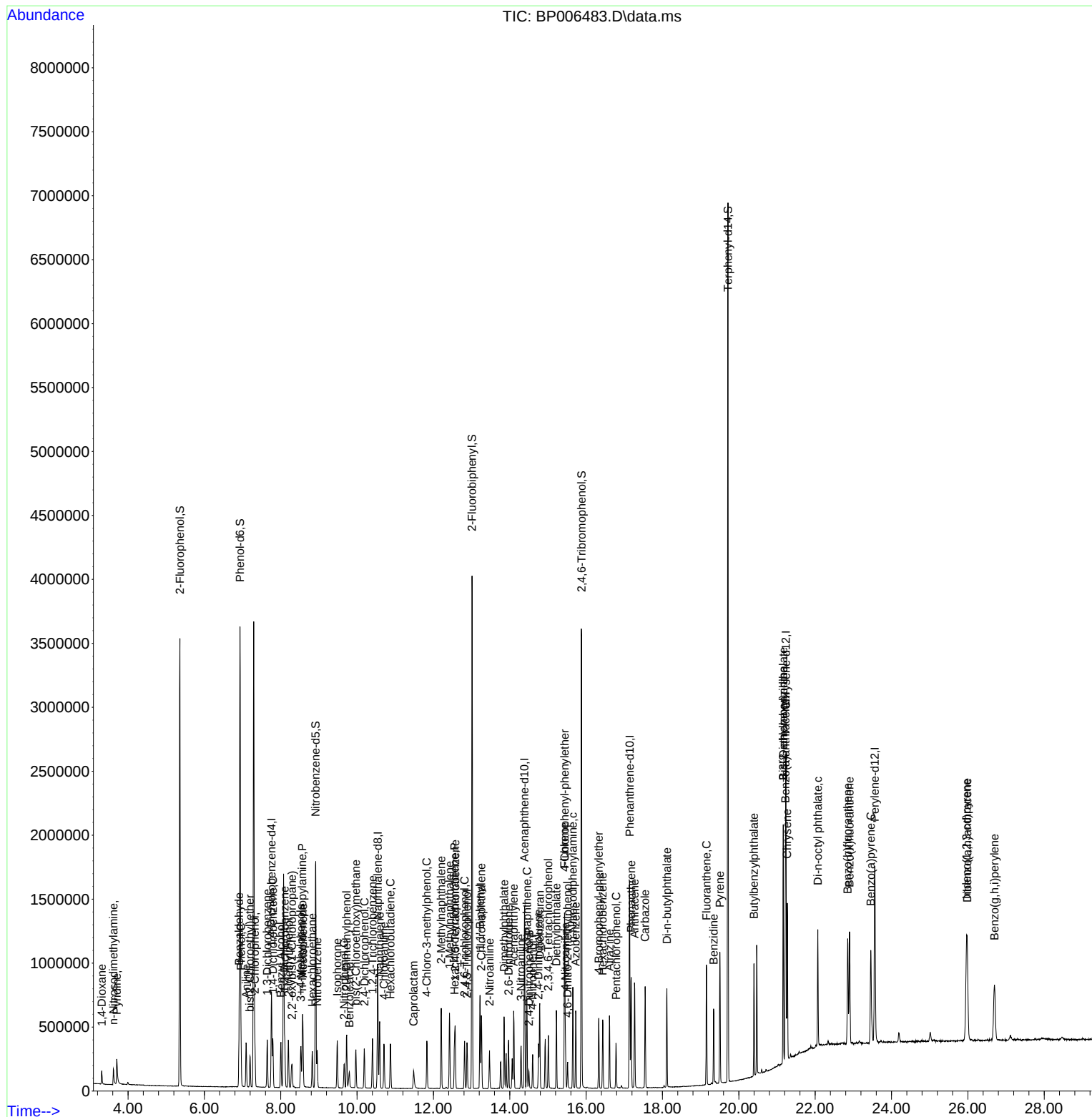
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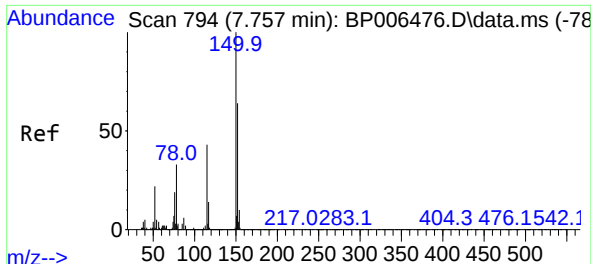
Instrument :
 BNA_P
 ClientSampleId :
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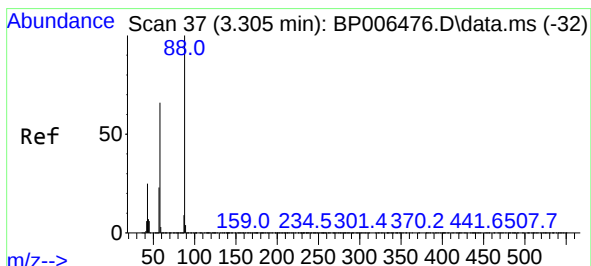
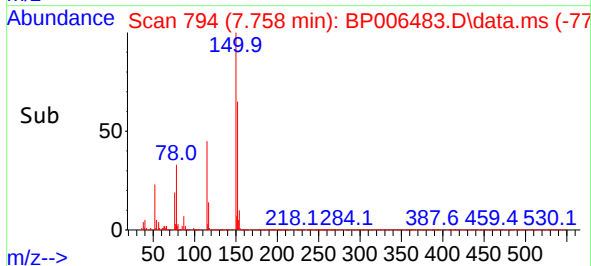
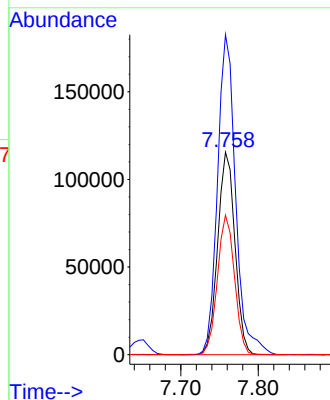
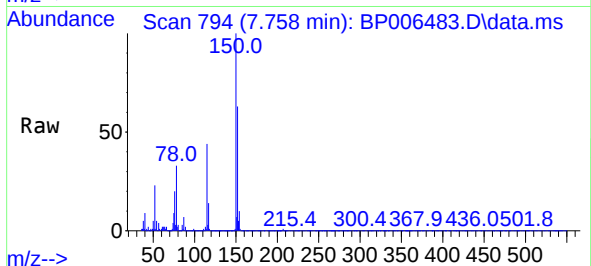
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 794
Delta R.T. 0.001 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion: 152 Resp: 178738
Ion Ratio Lower Upper
152 100
150 158.0 125.6 188.4
115 68.9 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
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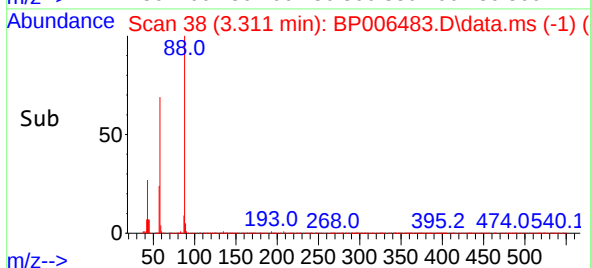
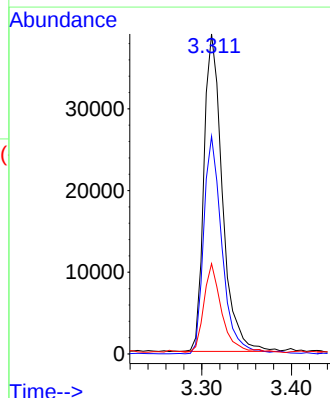
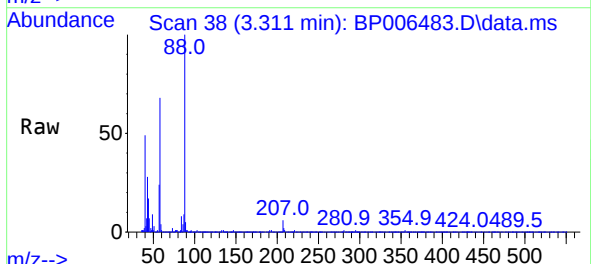
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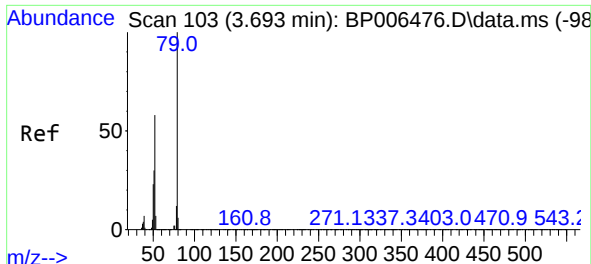
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#2
1,4-Dioxane
Concen: 10.978 ng
RT: 3.311 min Scan# 38
Delta R.T. 0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion: 88 Resp: 55616
Ion Ratio Lower Upper
88 100
58 67.7 46.7 70.1
43 27.4 20.3 30.5





#3
Pyridine
Concen: 9.340 ng
RT: 3.705 min Scan# 105
Delta R.T. 0.012 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

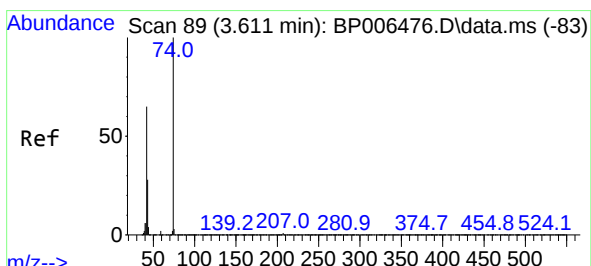
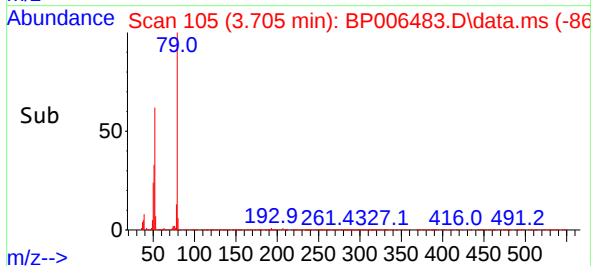
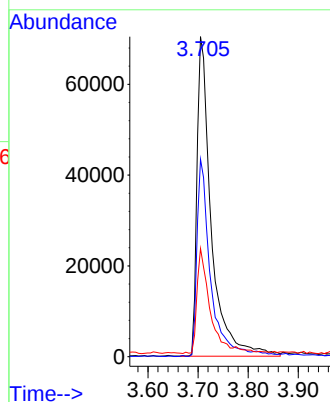
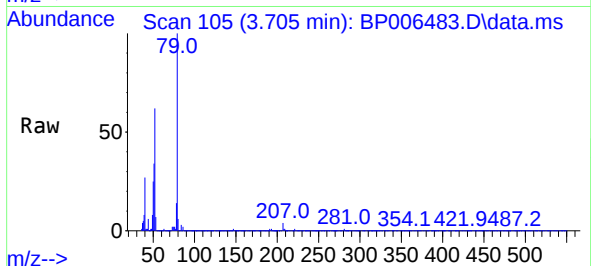
Tgt Ion: 79 Resp: 139077

Ion	Ratio	Lower	Upper
79	100		
52	61.7	41.7	62.5
51	33.8	24.1	36.1

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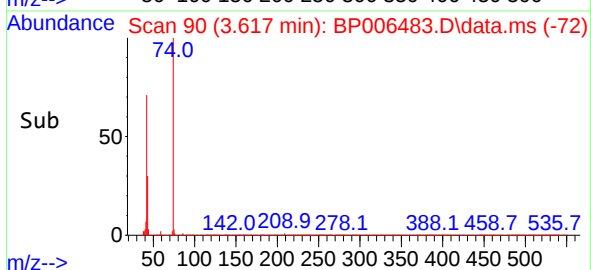
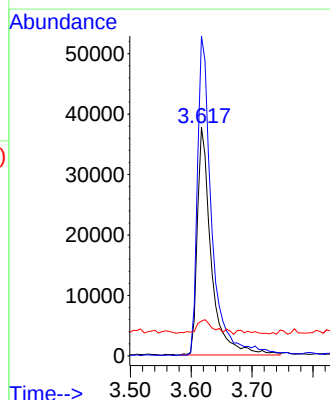
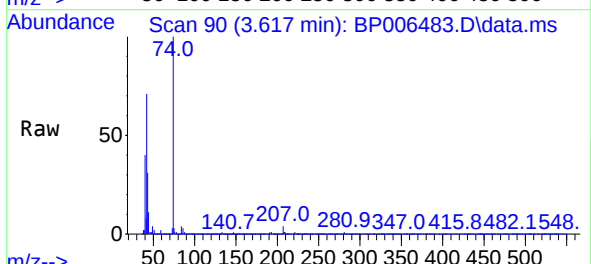
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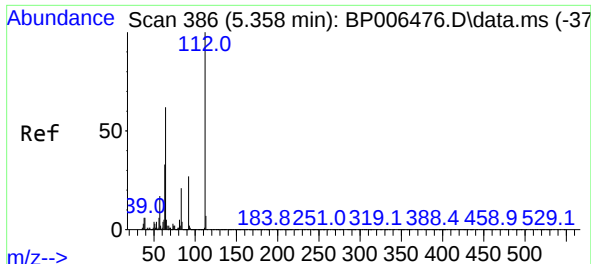


#4
n-Nitrosodimethylamine
Concen: 10.674 ng
RT: 3.617 min Scan# 90
Delta R.T. 0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion: 42 Resp: 59990

Ion	Ratio	Lower	Upper
42	100		
74	140.0	105.4	158.0
44	15.2	4.2	6.4





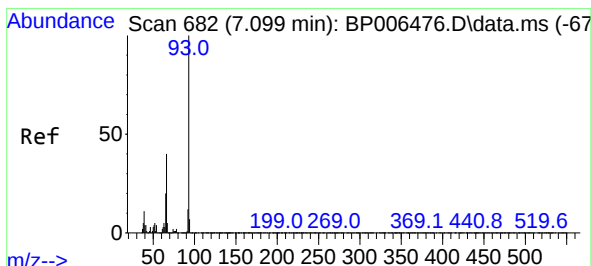
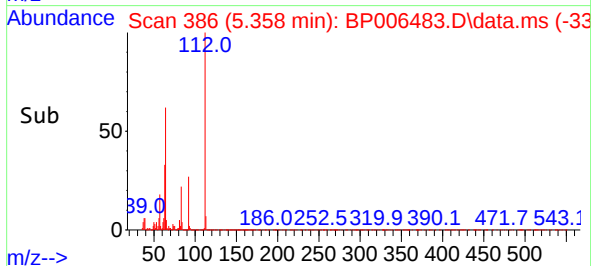
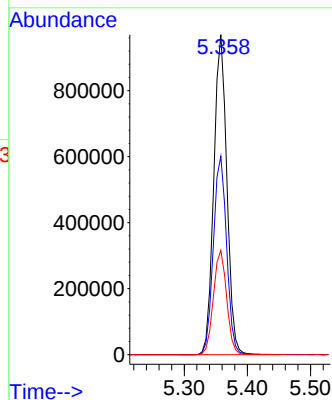
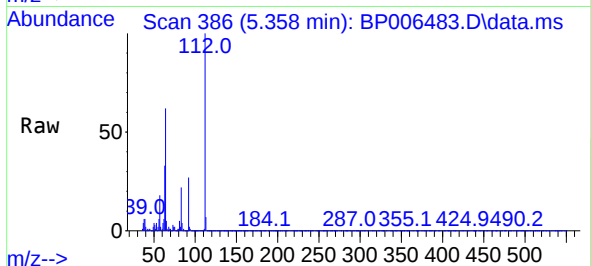
#5
2-Fluorophenol
Concen: 119.541 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion: 112 Resp: 1391104
Ion Ratio Lower Upper
112 100
64 62.0 41.4 62.2
63 32.6 23.8 35.8

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LOQ-SOIL-02-QT2-2021

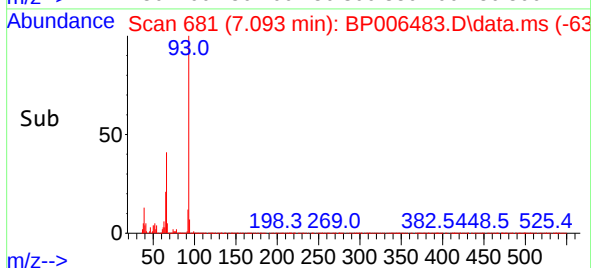
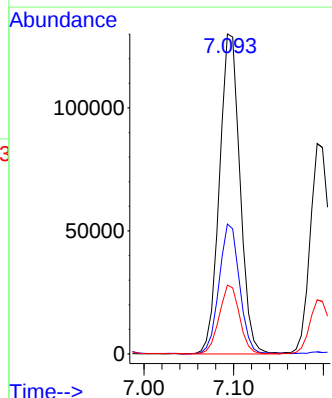
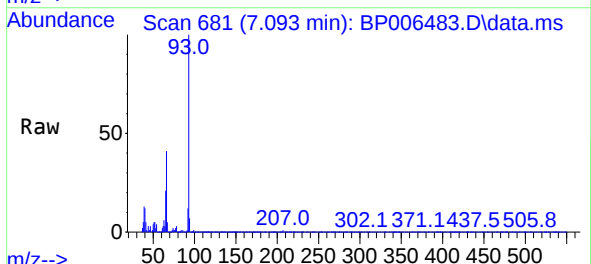
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#6
Aniline
Concen: 11.517 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

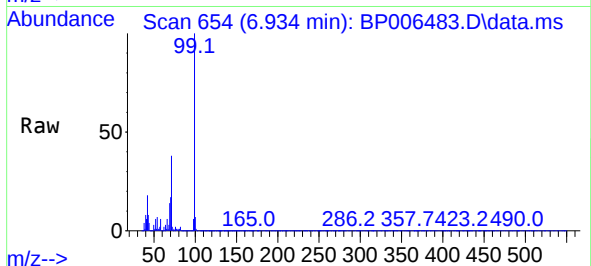
Tgt Ion: 93 Resp: 206802
Ion Ratio Lower Upper
93 100
66 40.6 29.7 44.5
65 21.5 15.3 22.9





#7
Phenol-d6
Concen: 116.584 ng
RT: 6.934 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP006483.D
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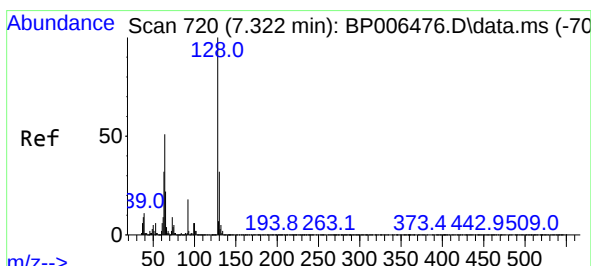
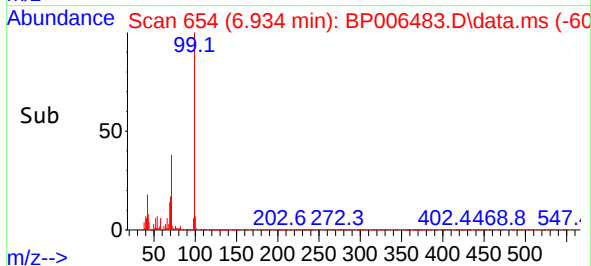
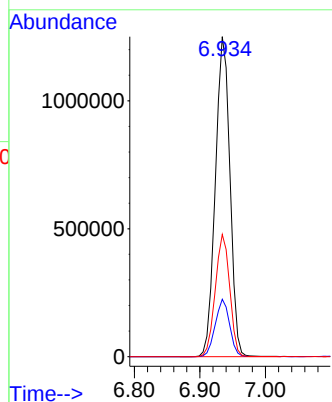


Tgt Ion: 99 Resp: 1927208

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.4	20.0
71	38.2	30.6	46.0

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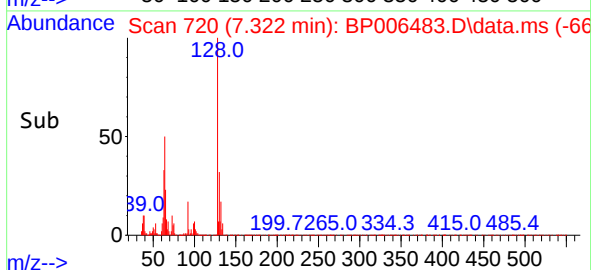
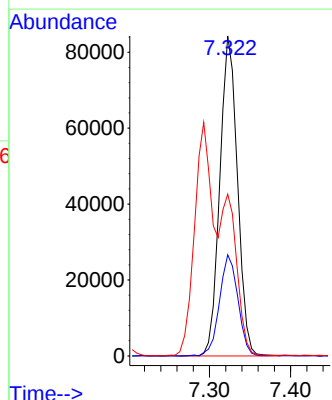
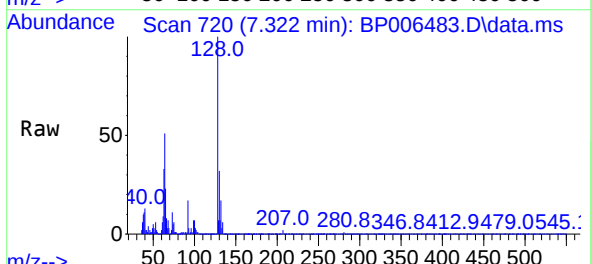
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#8
2-Chlorophenol
Concen: 10.128 ng
RT: 7.322 min Scan# 720
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion: 128 Resp: 127524

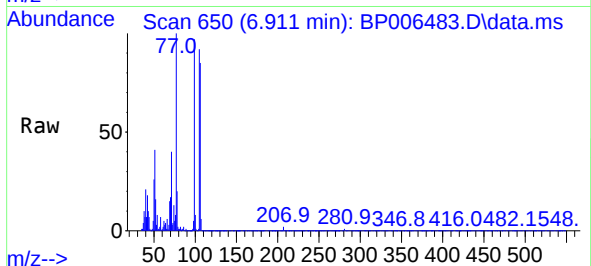
Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.4	52.4
64	50.6	20.3	60.3





#9
Benzaldehyde
Concen: 13.131 ng m
RT: 6.911 min Scan# 650
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

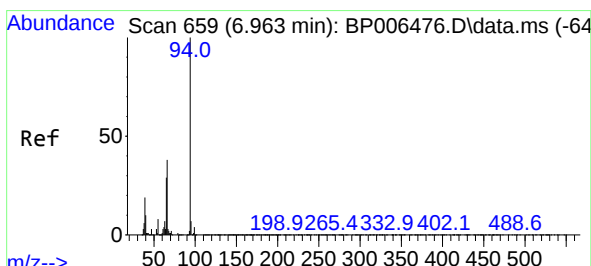
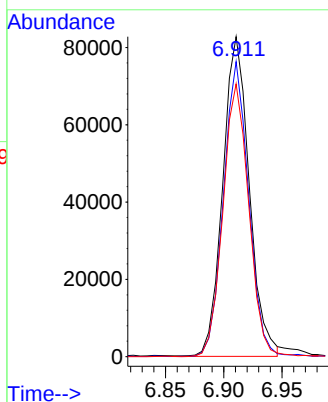
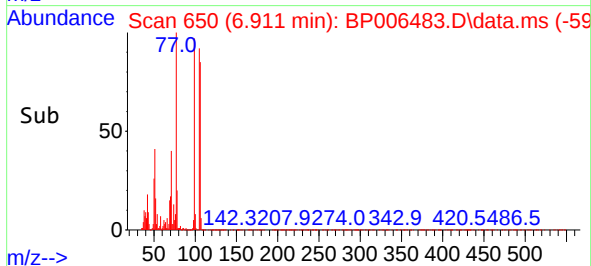
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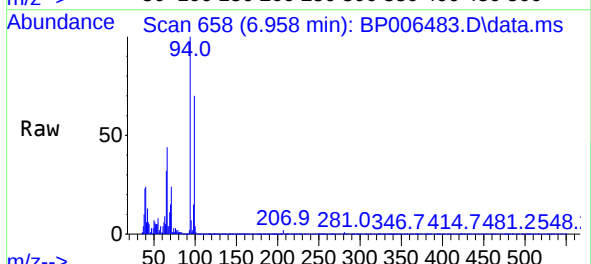
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Ion Ratio Lower Upper
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105 92.2 76.7 116.7
106 85.2 76.2 116.2

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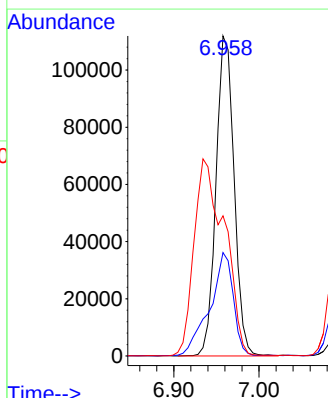
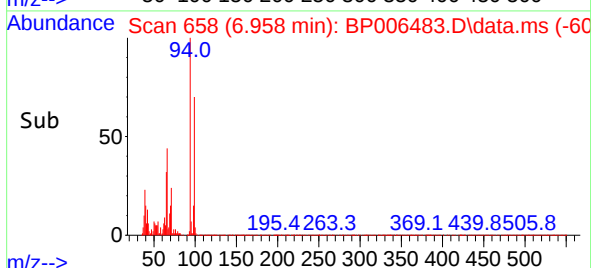
mohammad
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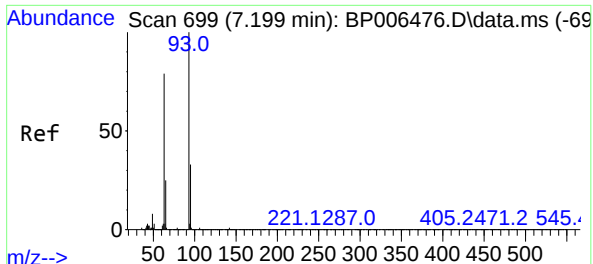


#10
Phenol
Concen: 9.962 ng
RT: 6.958 min Scan# 658
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



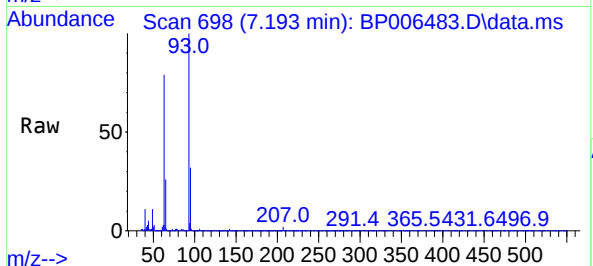
Tgt Ion: 94 Resp: 165130
Ion Ratio Lower Upper
94 100
65 32.3 8.8 48.8
66 43.8 20.7 60.7





#11
bis(2-Chloroethyl)ether
Concen: 10.279 ng
RT: 7.193 min Scan# 698
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

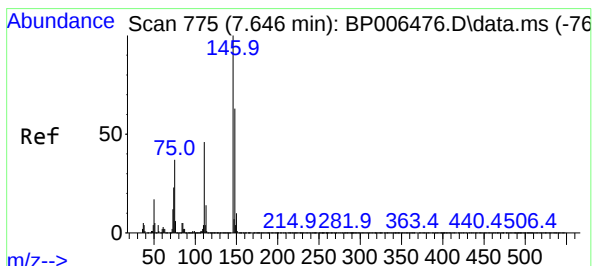
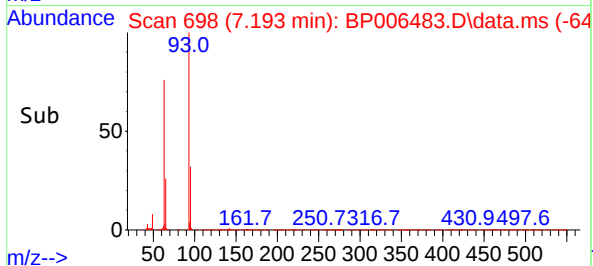
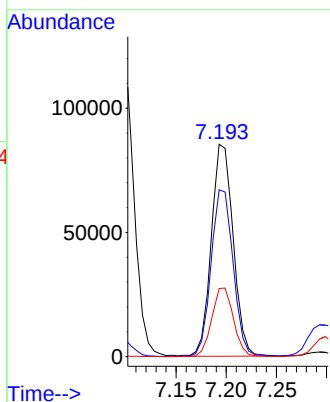
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion: 93 Resp: 129373
Ion Ratio Lower Upper
93 100
63 78.5 46.2 86.2
95 32.1 12.2 52.2

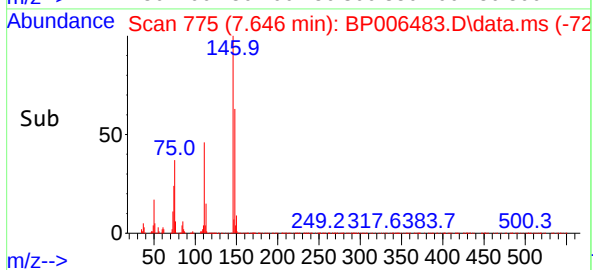
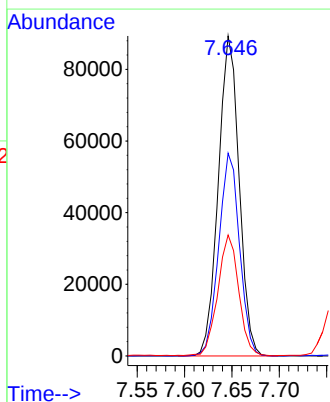
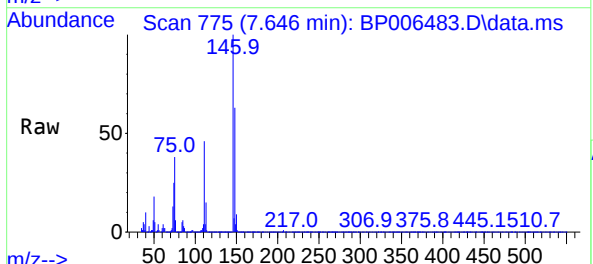
Manual Integrations
APPROVED

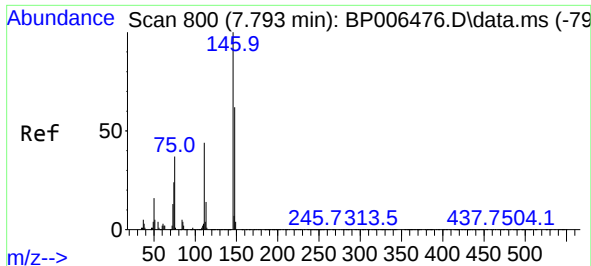
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#12
1,3-Dichlorobenzene
Concen: 10.402 ng
RT: 7.646 min Scan# 775
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion:146 Resp: 136501
Ion Ratio Lower Upper
146 100
148 63.3 51.5 77.3
75 37.8 25.7 38.5





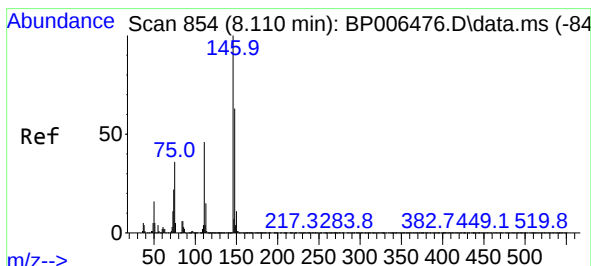
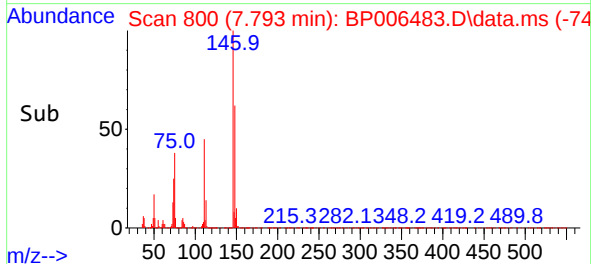
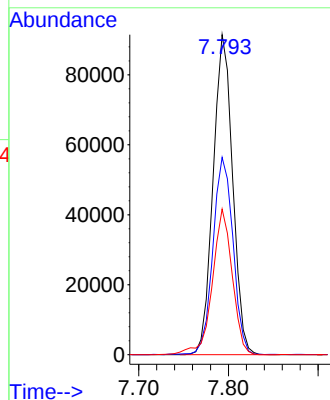
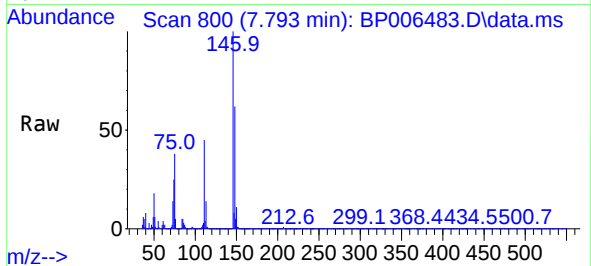
#13
1,4-Dichlorobenzene
Concen: 10.365 ng
RT: 7.793 min Scan# 800
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion:146 Resp: 138043
Ion Ratio Lower Upper
146 100
148 61.6 51.3 76.9
111 45.5 33.0 49.6

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

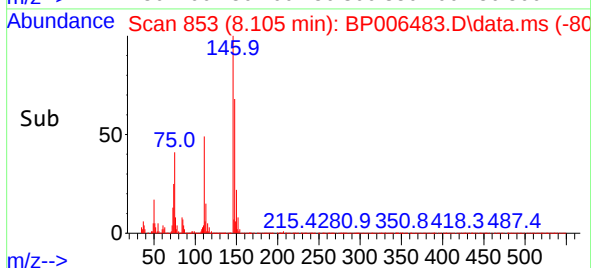
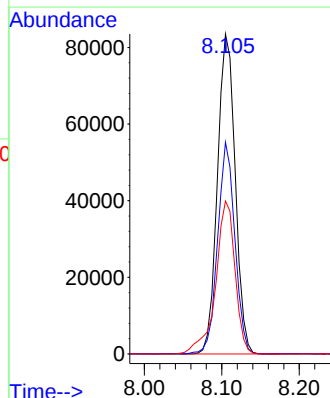
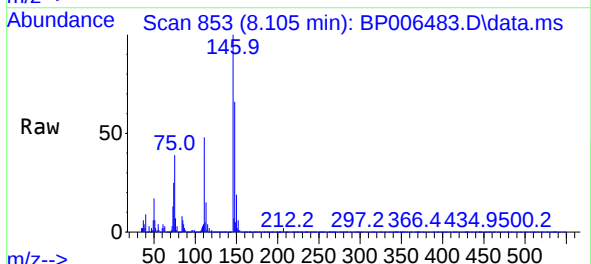
Manual Integrations
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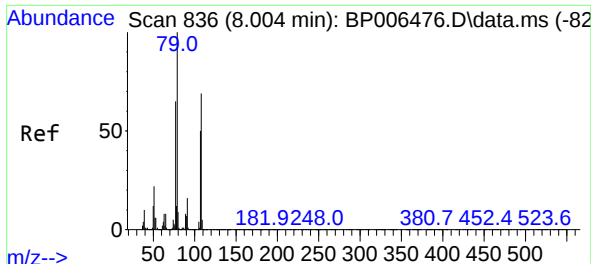
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#14
1,2-Dichlorobenzene
Concen: 10.425 ng
RT: 8.105 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

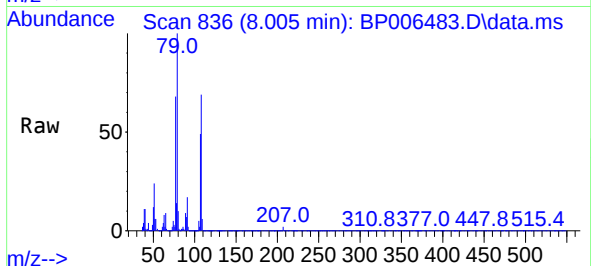
Tgt Ion:146 Resp: 133231
Ion Ratio Lower Upper
146 100
148 66.2 50.3 75.5
111 47.8 33.7 50.5





#15
Benzyl Alcohol
Concen: 9.679 ng
RT: 8.005 min Scan# 836
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

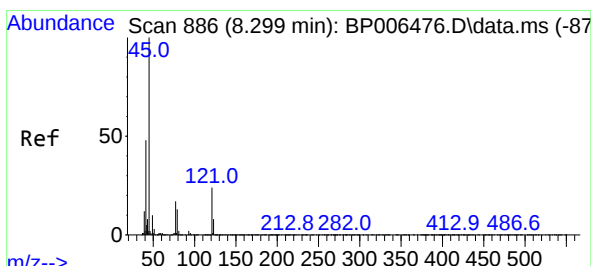
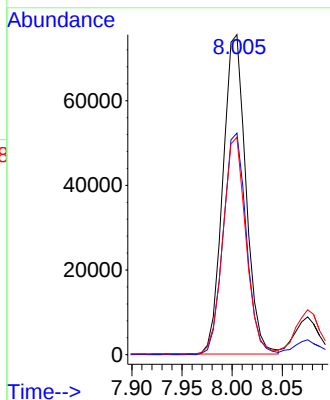
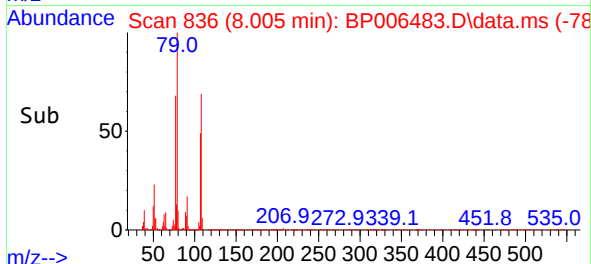
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



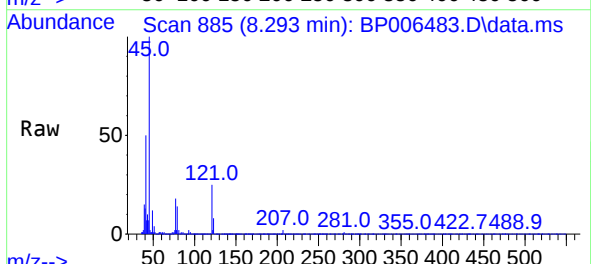
Tgt Ion: 79 Resp: 119992
Ion Ratio Lower Upper
79 100
108 69.3 62.5 93.7
77 67.9 52.9 79.3

Manual Integrations
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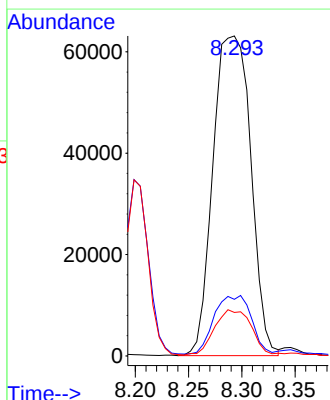
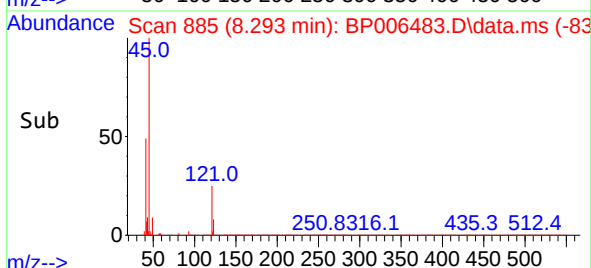
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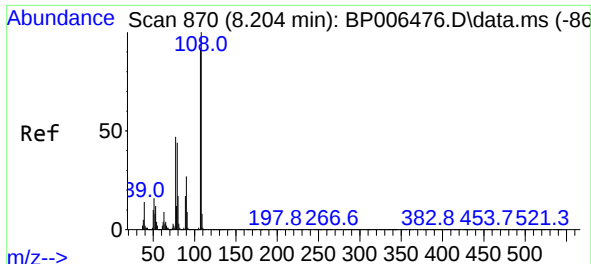


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.403 ng
RT: 8.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



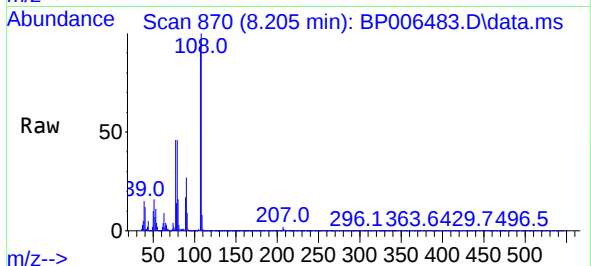
Tgt Ion: 45 Resp: 155808
Ion Ratio Lower Upper
45 100
77 17.7 2.0 42.0
79 13.6 0.0 36.7





#17
2-Methylphenol
Concen: 9.951 ng
RT: 8.205 min Scan# 870
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

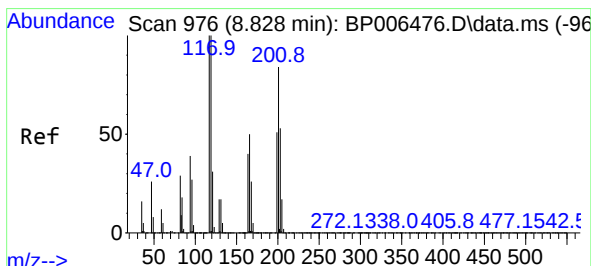
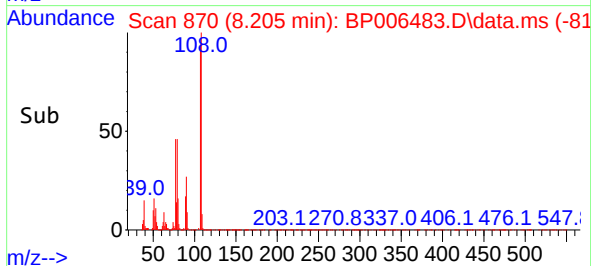
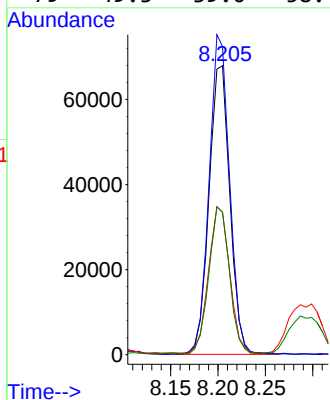
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



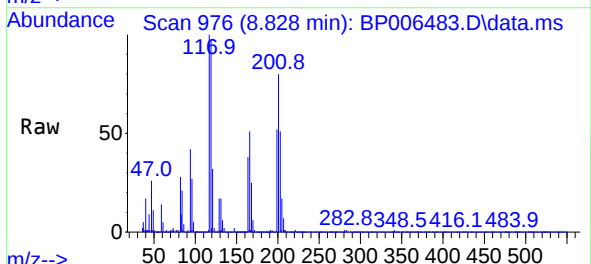
Tgt Ion:	107	Resp:	104151
Ion	Ratio	Lower	Upper
107	100		
108	106.6	87.7	131.5
77	49.3	40.2	60.2
79	49.3	39.0	58.4

Manual Integrations
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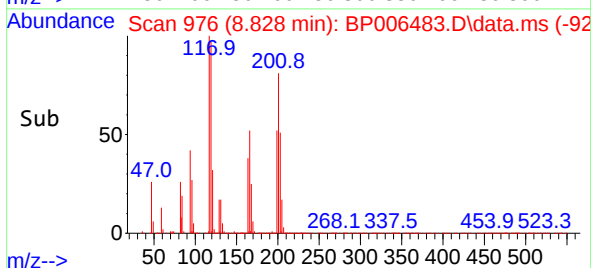
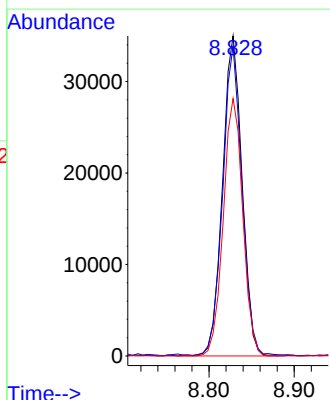
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#18
Hexachloroethane
Concen: 10.545 ng
RT: 8.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



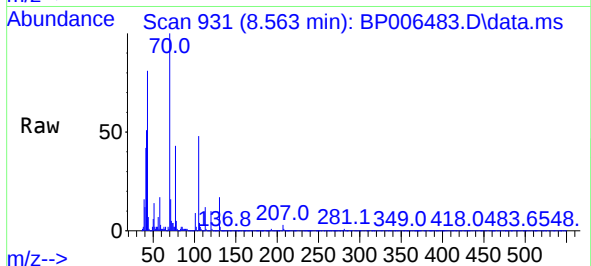
Tgt Ion:	117	Resp:	55587
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.2	114.2
201	80.5	83.4	125.0#





#19
n-Nitroso-di-n-propylamine
Concen: 9.854 ng
RT: 8.563 min Scan# 931
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

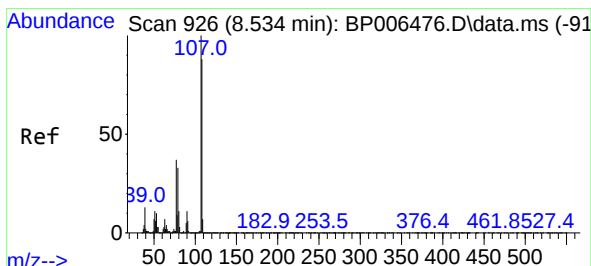
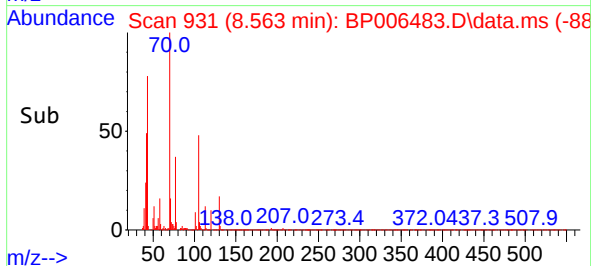
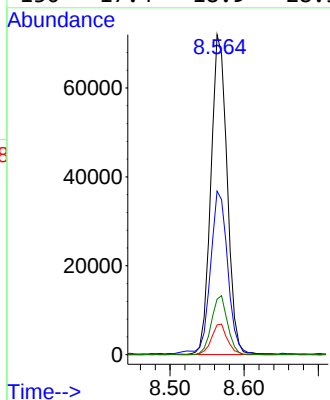
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion: 70 Resp: 109286
Ion Ratio Lower Upper
70 100
42 51.1 40.8 61.2
101 9.3 8.8 13.2
130 17.4 18.9 28.3#

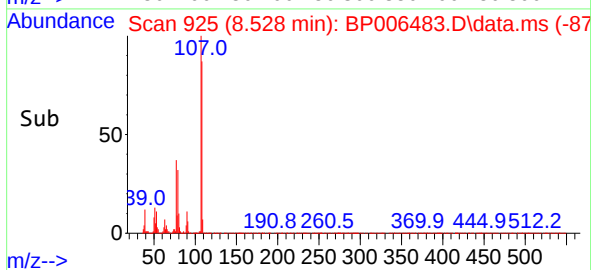
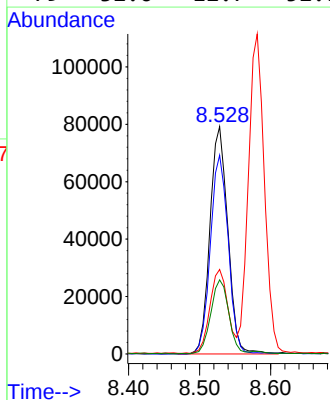
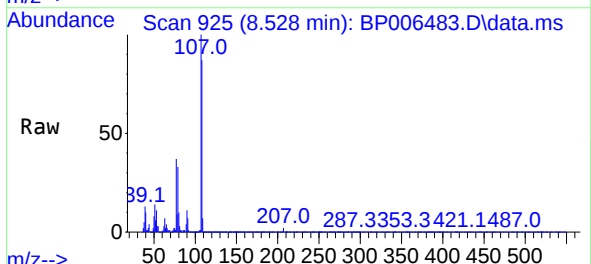
Manual Integrations
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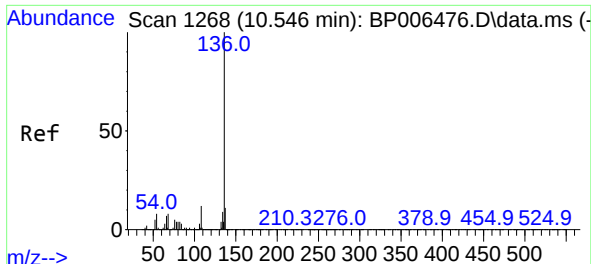
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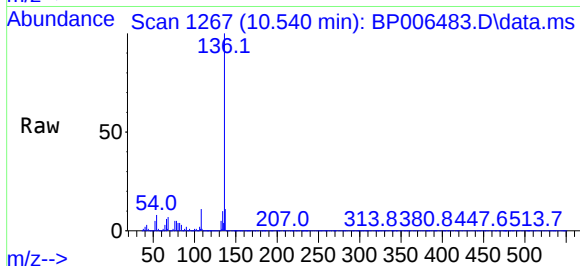
#20
3+4-Methylphenols
Concen: 9.725 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion: 107 Resp: 138549
Ion Ratio Lower Upper
107 100
108 87.4 71.0 111.0
77 37.1 16.6 56.6
79 32.6 12.7 52.7

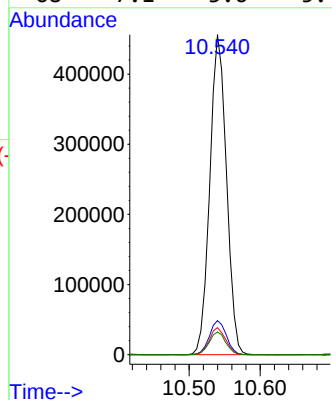
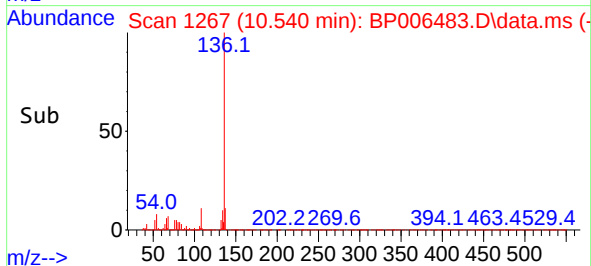




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



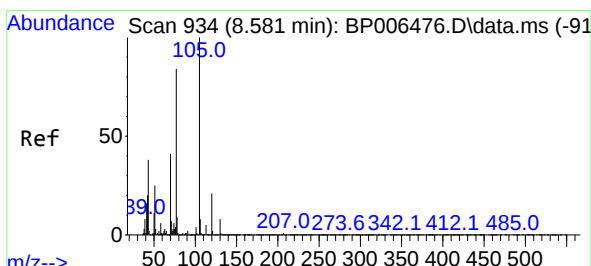
Tgt Ion:136 Resp: 742663
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.4 4.6 6.8#
68 7.1 3.6 5.4#



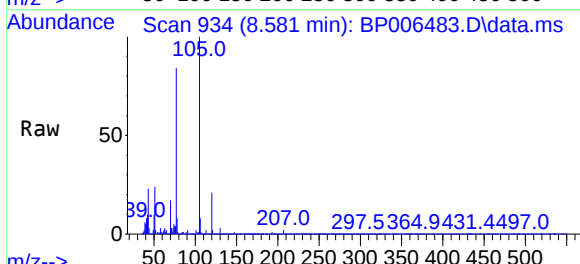
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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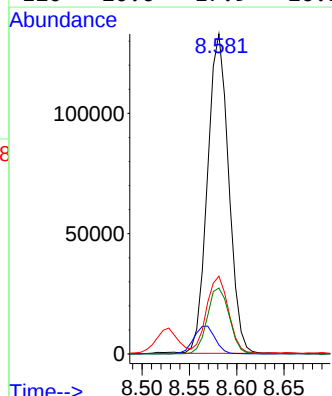
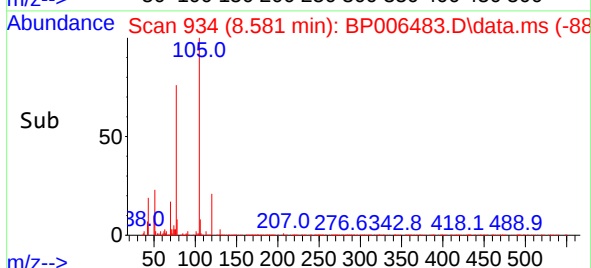
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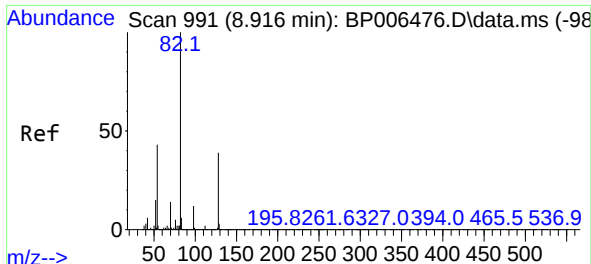


#22
Acetophenone
Concen: 10.469 ng
RT: 8.581 min Scan# 934
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



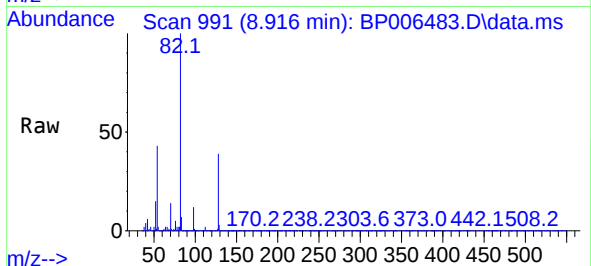
Tgt Ion:105 Resp: 206192
Ion Ratio Lower Upper
105 100
71 2.8 1.9 2.9
51 24.3 18.4 27.6
120 20.6 17.9 26.9





#23
Nitrobenzene-d5
Concen: 65.345 ng
RT: 8.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

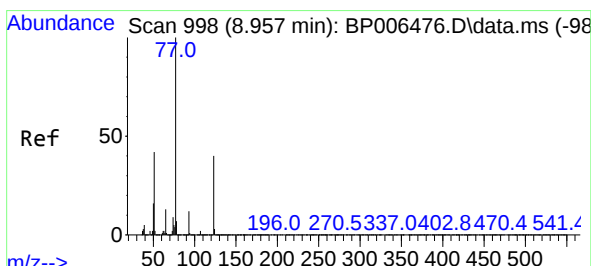
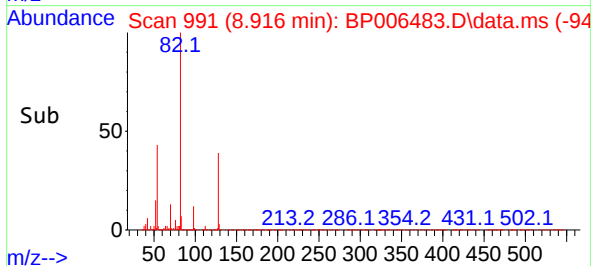
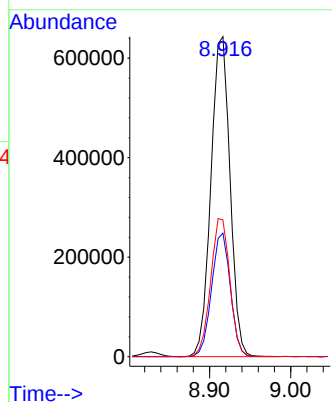


Tgt Ion: 82 Resp: 1051393

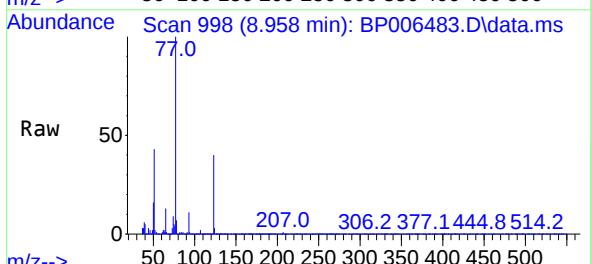
Ion	Ratio	Lower	Upper
82	100		
128	38.6	35.7	53.5
54	42.8	35.0	52.4

Manual Integrations
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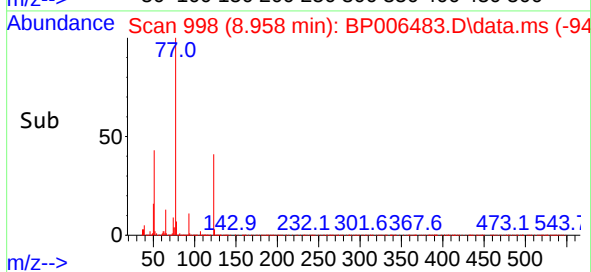
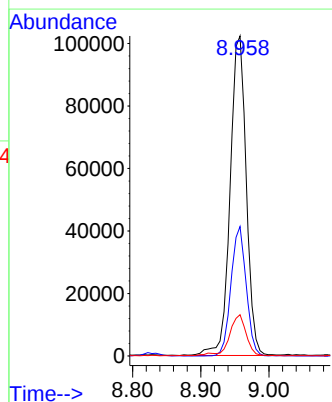


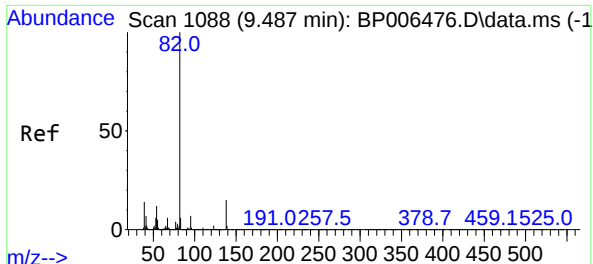
#24
Nitrobenzene
Concen: 10.097 ng
RT: 8.958 min Scan# 998
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



Tgt Ion: 77 Resp: 168872

Ion	Ratio	Lower	Upper
77	100		
123	40.5	38.2	57.2
65	12.9	11.4	17.2





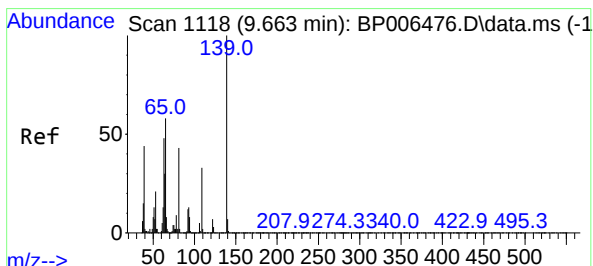
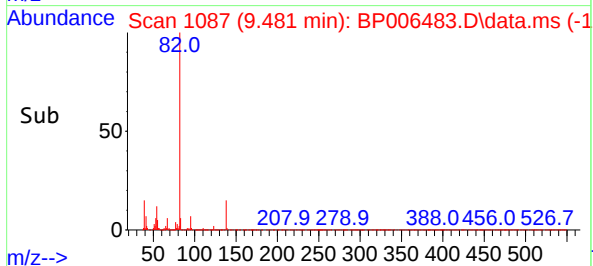
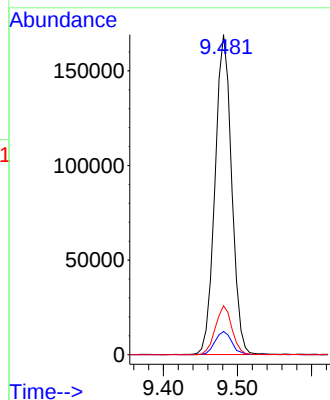
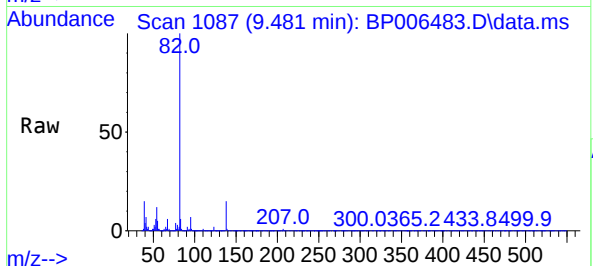
#25
Isophorone
Concen: 9.127 ng
RT: 9.481 min Scan# 1087
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion: 82 Resp: 263761
Ion Ratio Lower Upper
82 100
95 7.3 6.5 9.7
138 15.3 15.0 22.4

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

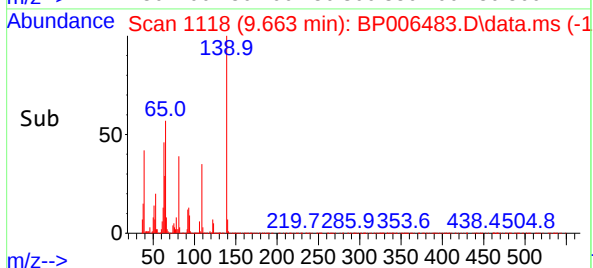
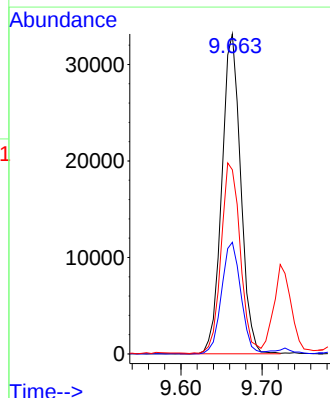
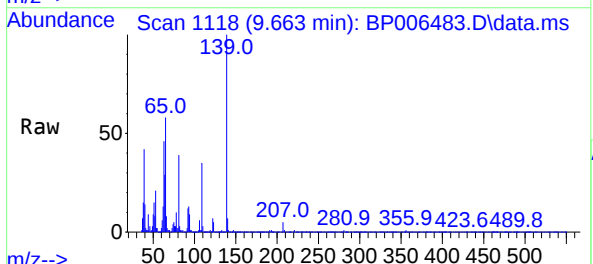
Manual Integrations
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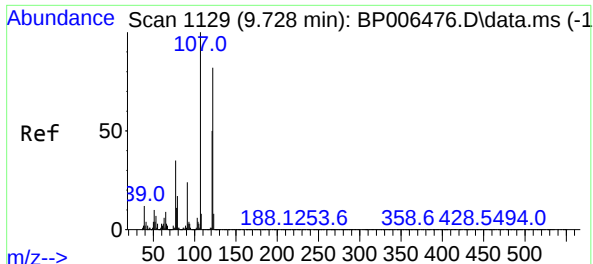
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#26
2-Nitrophenol
Concen: 8.805 ng
RT: 9.663 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

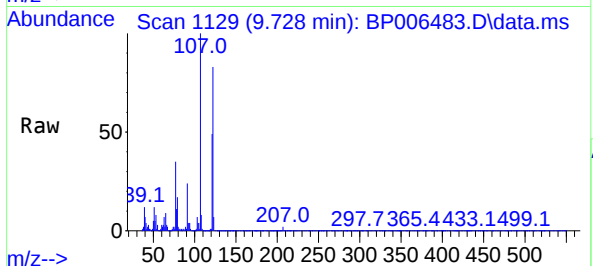
Tgt Ion: 139 Resp: 53597
Ion Ratio Lower Upper
139 100
109 34.9 28.8 43.2
65 57.6 41.0 61.6





#27
2,4-Dimethylphenol
Concen: 11.088 ng
RT: 9.728 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

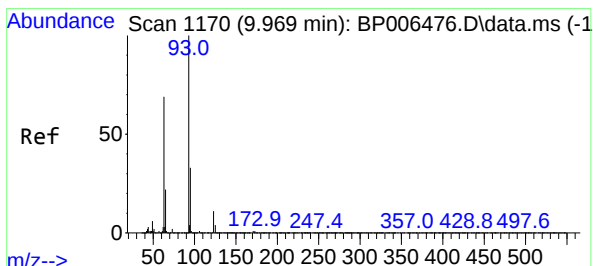
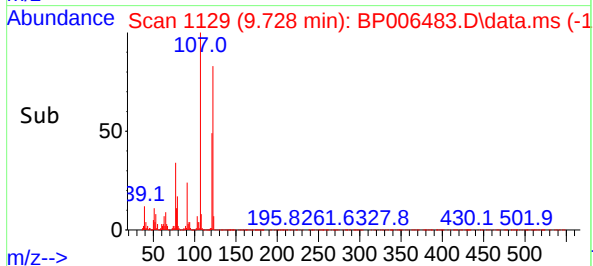
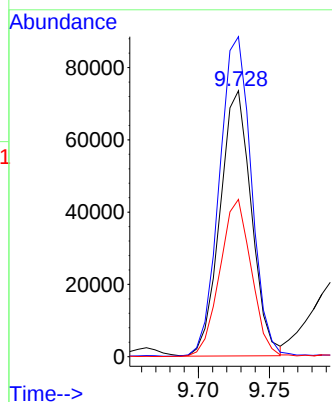
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



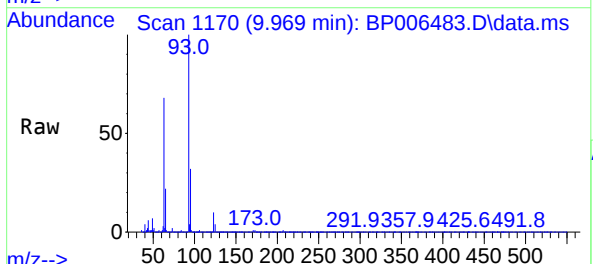
Tgt Ion:122 Resp: 113022
Ion Ratio Lower Upper
122 100
107 120.3 94.5 141.7
121 59.1 47.4 71.2

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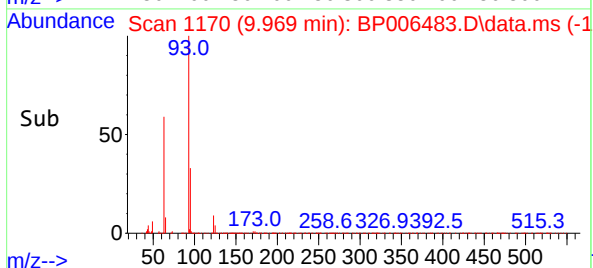
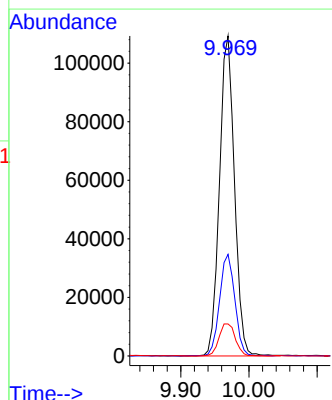
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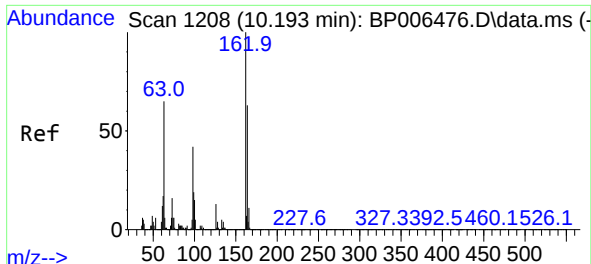


#28
bis(2-Chloroethoxy)methane
Concen: 10.817 ng
RT: 9.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



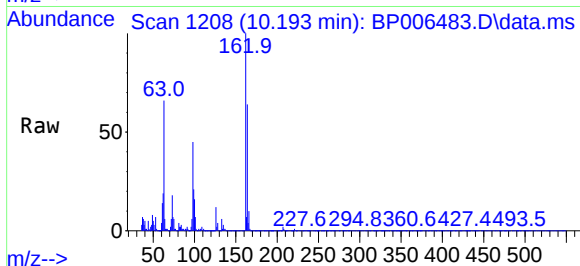
Tgt Ion: 93 Resp: 167262
Ion Ratio Lower Upper
93 100
95 31.7 25.9 38.9
123 10.0 10.2 15.2#





#29
2,4-Dichlorophenol
Concen: 9.172 ng
RT: 10.193 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

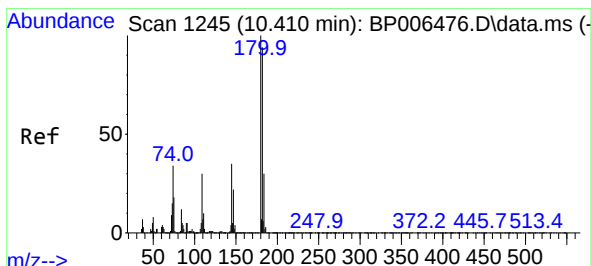
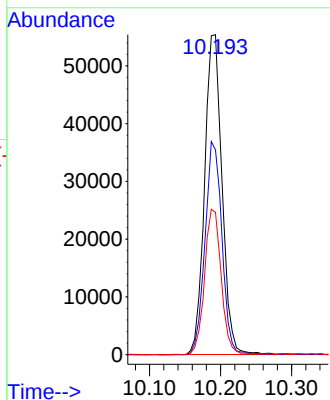
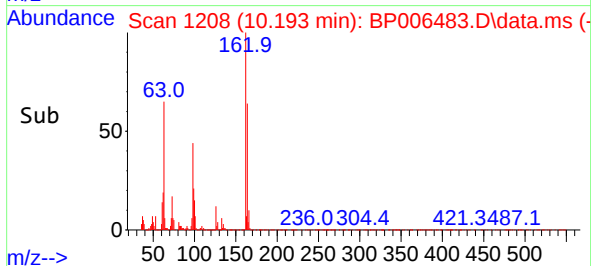
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



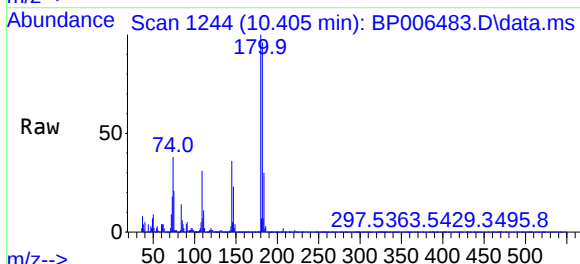
Tgt Ion:162 Resp: 94654
Ion Ratio Lower Upper
162 100
164 64.0 44.9 84.9
98 44.5 14.3 54.3

Manual Integrations
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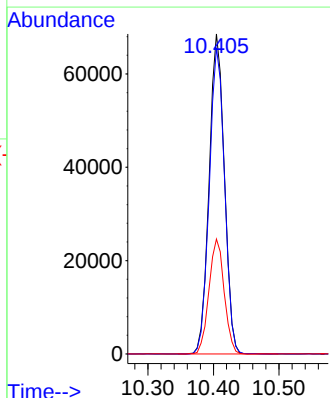
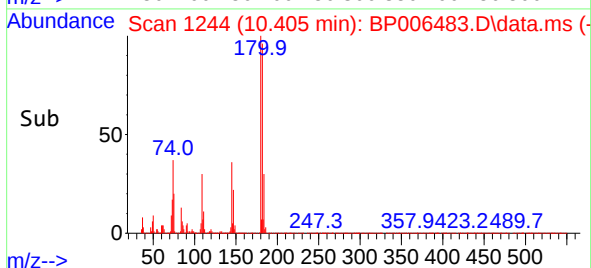
mohammad
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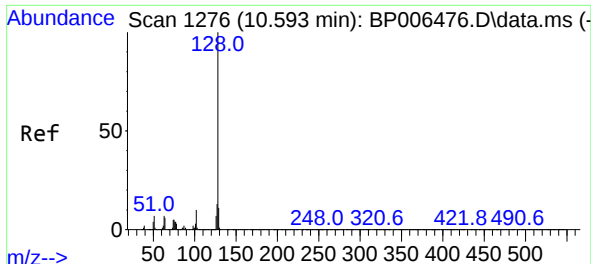


#30
1,2,4-Trichlorobenzene
Concen: 9.970 ng
RT: 10.405 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



Tgt Ion:180 Resp: 110551
Ion Ratio Lower Upper
180 100
182 95.7 77.9 116.9
145 35.9 24.7 37.1





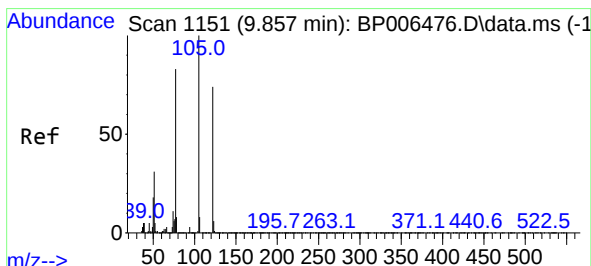
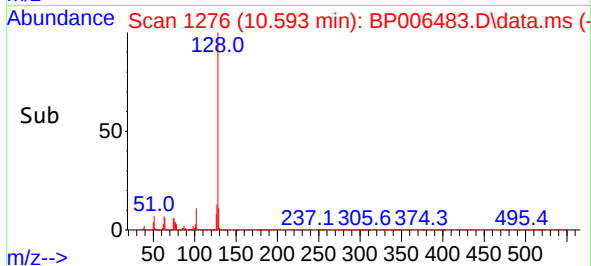
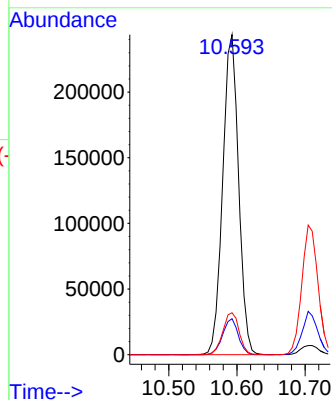
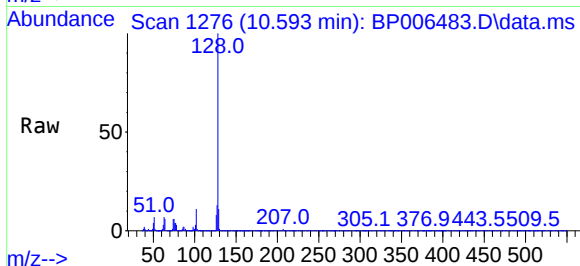
#31
Naphthalene
Concen: 9.890 ng
RT: 10.593 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion:128 Resp: 394668
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.1 10.7 16.1

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

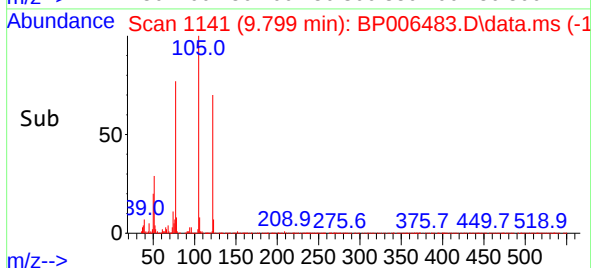
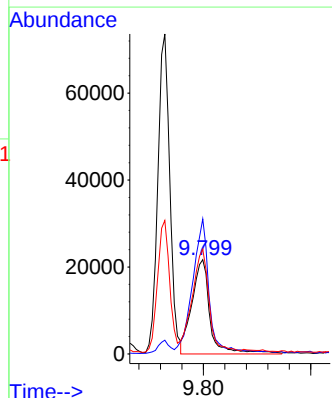
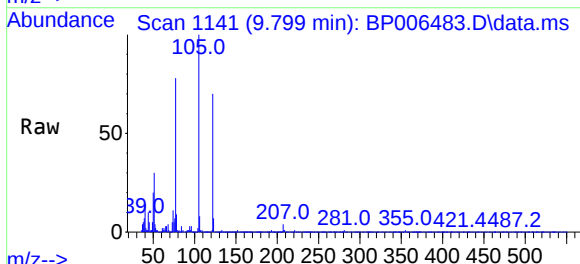
Manual Integrations
APPROVED

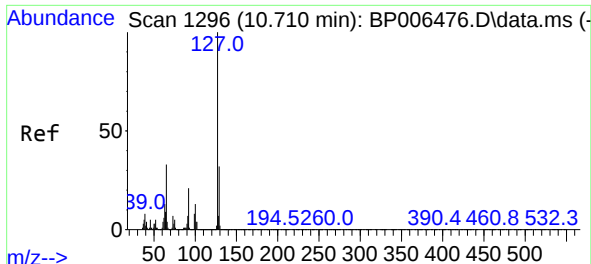
mohammad
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#32
Benzoic acid
Concen: 6.478 ng m
RT: 9.799 min Scan# 1141
Delta R.T. -0.059 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

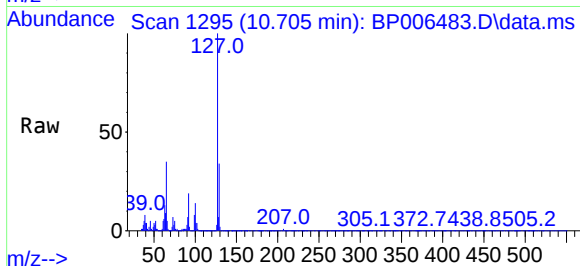
Tgt Ion:122 Resp: 51080
Ion Ratio Lower Upper
122 100
105 143.3 103.2 143.2#
77 111.1 76.2 116.2





#33
4-Chloroaniline
Concen: 10.157 ng
RT: 10.705 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

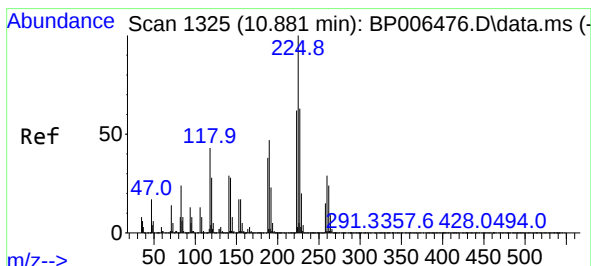
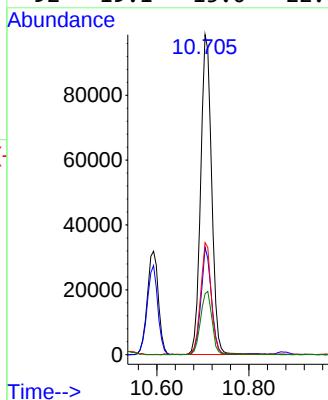
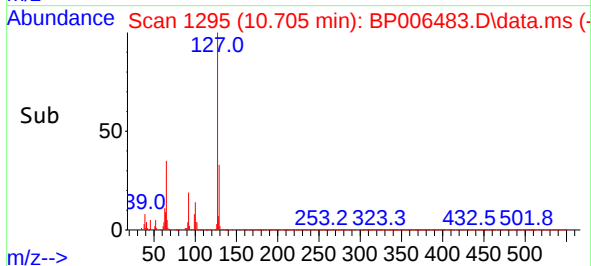
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



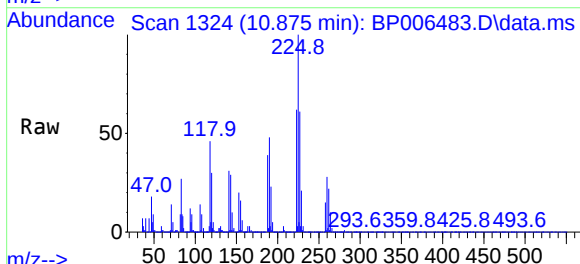
Tgt Ion:127 Resp: 164030
Ion Ratio Lower Upper
127 100
129 33.5 26.1 39.1
65 35.0 22.5 33.7#
92 19.1 15.0 22.6

Manual Integrations
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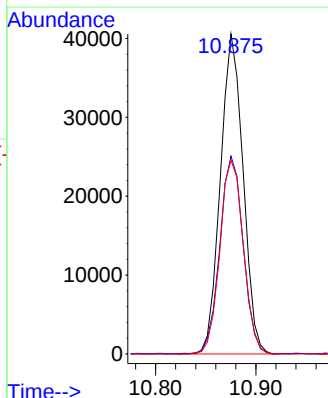
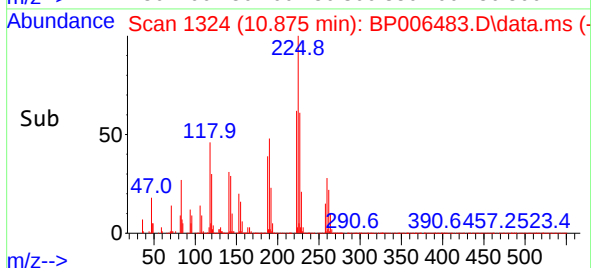
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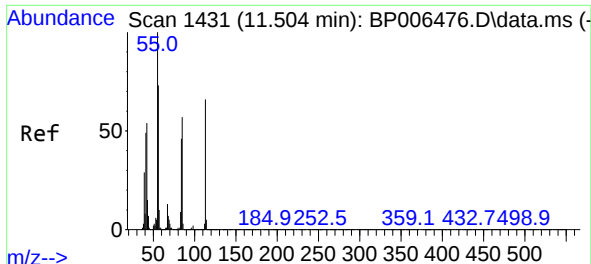


#34
Hexachlorobutadiene
Concen: 9.837 ng
RT: 10.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



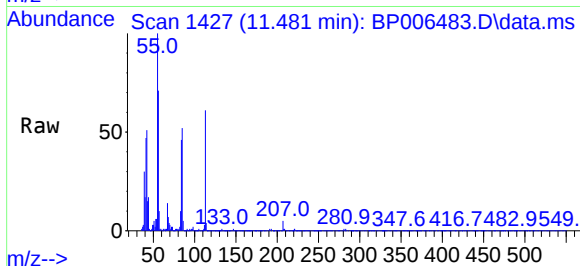
Tgt Ion:225 Resp: 63566
Ion Ratio Lower Upper
225 100
223 61.8 51.0 76.6
227 60.6 51.4 77.2





#35
Caprolactam
Concen: 8.726 ng
RT: 11.481 min Scan# 1427
Delta R.T. -0.023 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

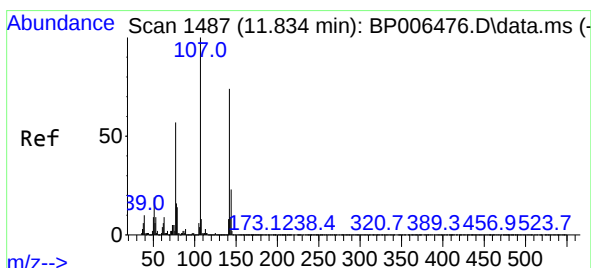
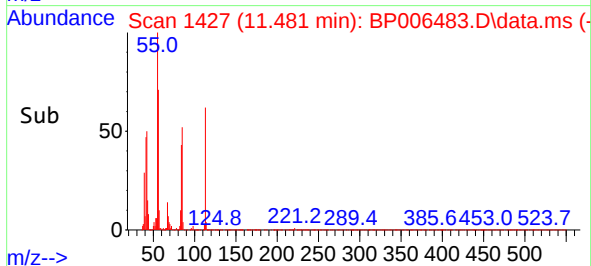
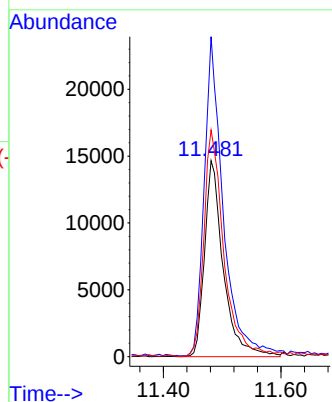
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:113 Resp: 32468
Ion Ratio Lower Upper
113 100
55 163.2 98.9 138.9#
56 115.7 71.7 111.7#

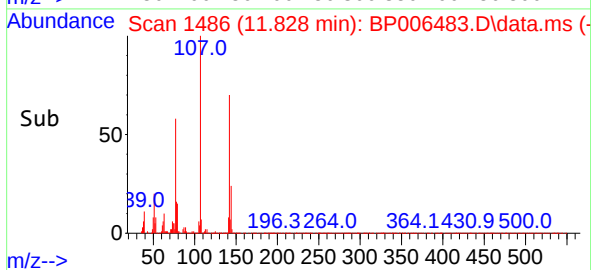
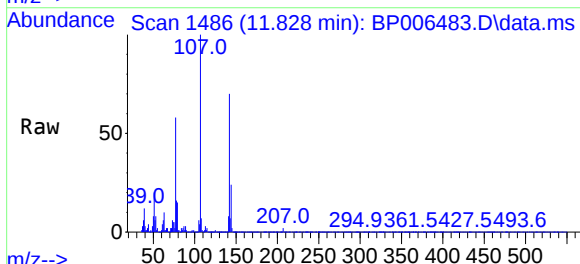
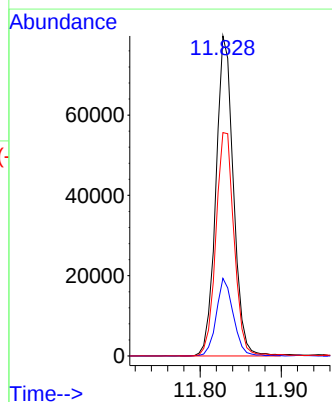
Manual Integrations
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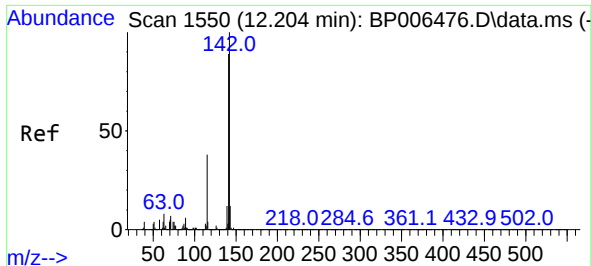
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#36
4-Chloro-3-methylphenol
Concen: 9.110 ng
RT: 11.828 min Scan# 1486
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion:107 Resp: 119440
Ion Ratio Lower Upper
107 100
144 24.2 21.1 31.7
142 69.8 66.0 99.0





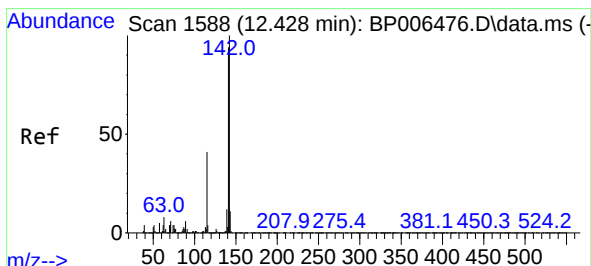
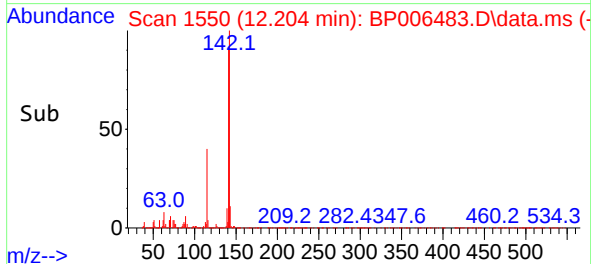
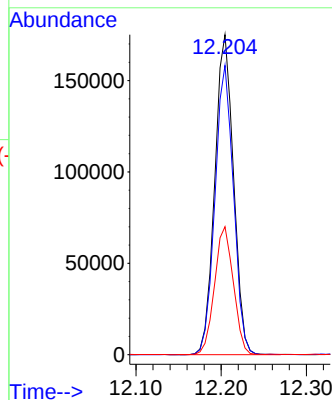
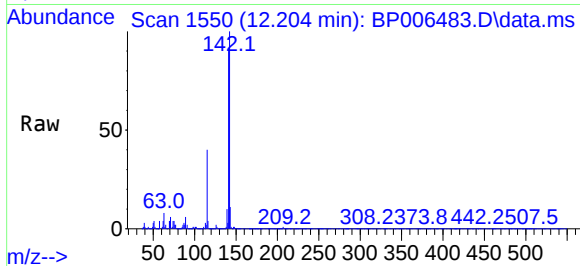
#37
2-Methylnaphthalene
Concen: 9.908 ng
RT: 12.204 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion:142 Resp: 267922
Ion Ratio Lower Upper
142 100
141 90.4 71.8 107.6
115 40.0 31.6 47.4

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

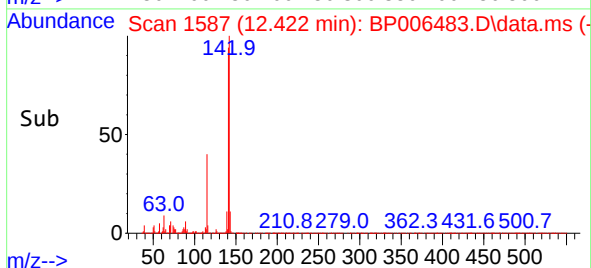
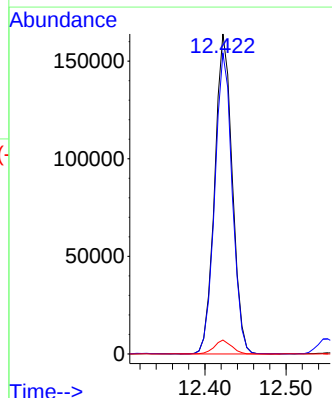
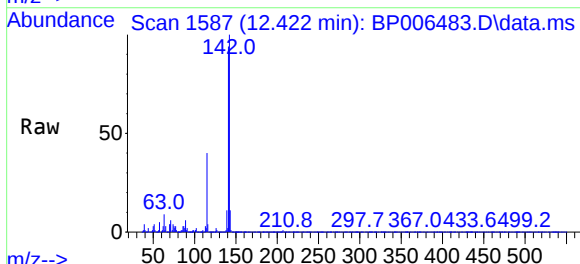
Manual Integrations
APPROVED

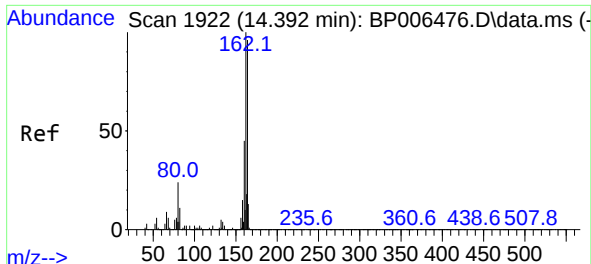
mohammad
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#38
1-Methylnaphthalene
Concen: 9.585 ng
RT: 12.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

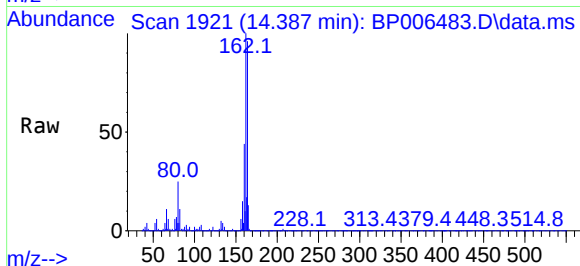
Tgt Ion:142 Resp: 246320
Ion Ratio Lower Upper
142 100
141 94.0 73.3 109.9
116 4.3 3.5 5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

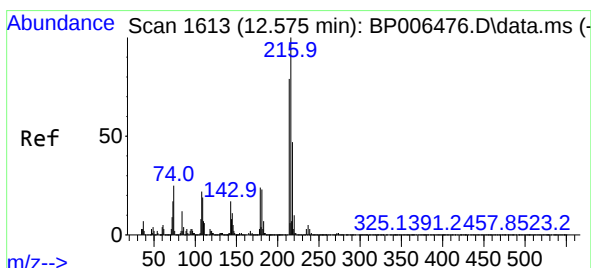
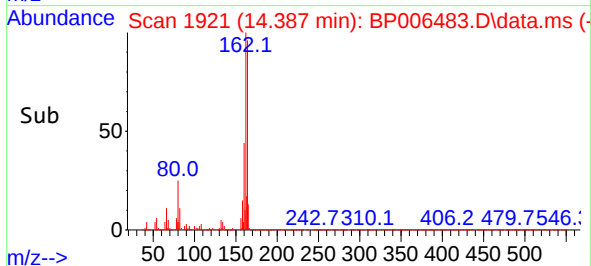
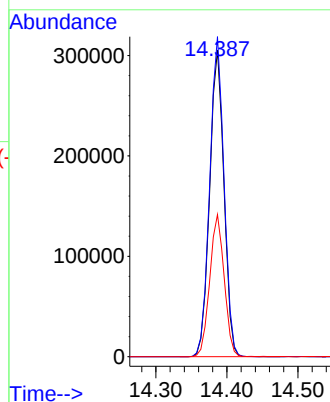
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:164 Resp: 426430
Ion Ratio Lower Upper
164 100
162 104.3 80.2 120.2
160 46.3 34.5 51.7

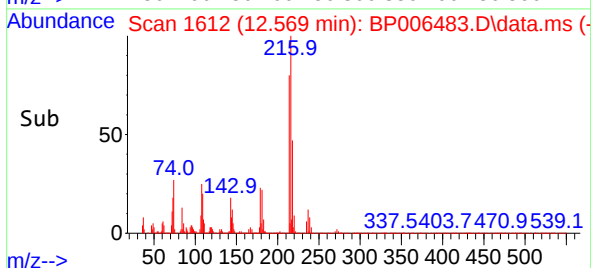
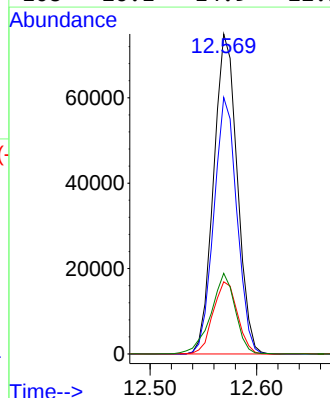
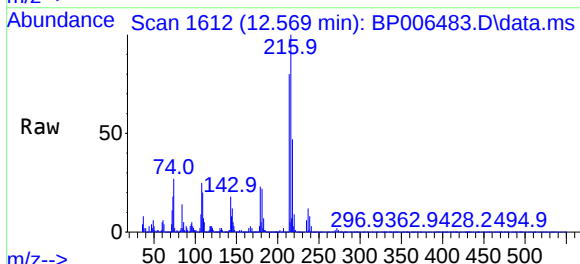
Manual Integrations
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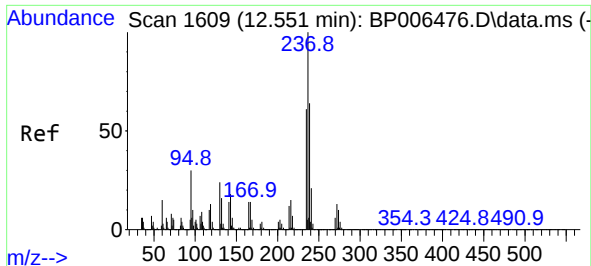
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.312 ng
RT: 12.569 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

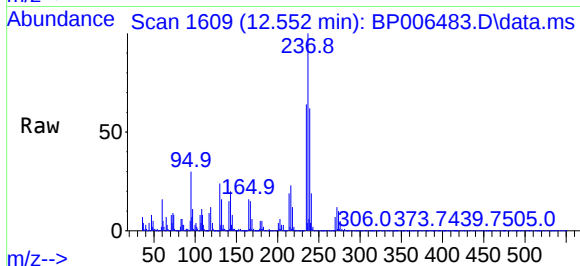
Tgt Ion:216 Resp: 115090
Ion Ratio Lower Upper
216 100
214 78.5 61.9 92.9
179 23.4 16.8 25.2
108 26.1 14.9 22.3#





#41
Hexachlorocyclopentadiene
Concen: 12.517 ng
RT: 12.552 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

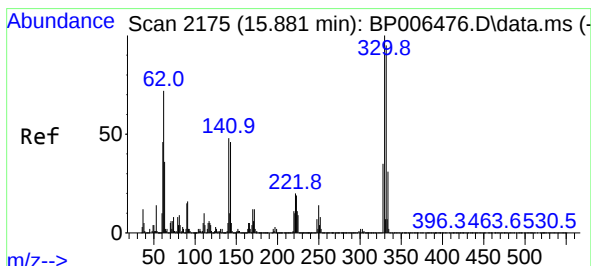
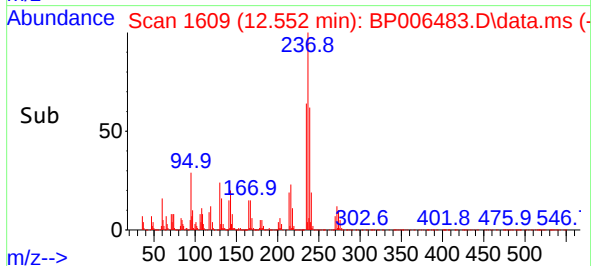
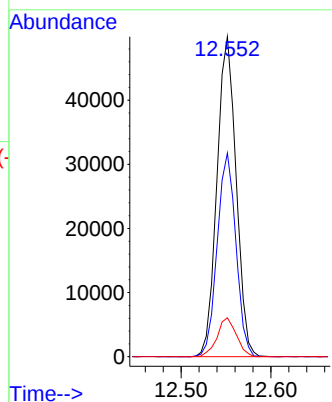


Tgt Ion: 237 Resp: 74095

Ion	Ratio	Lower	Upper
237	100		
235	63.6	44.5	84.5
272	12.1	0.0	32.5

Manual Integrations
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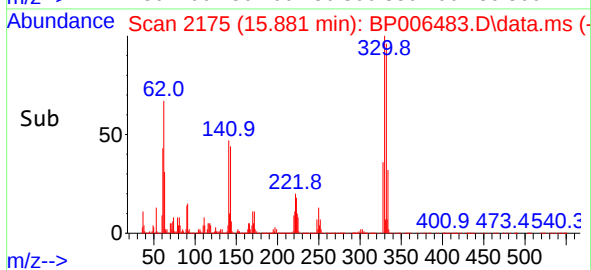
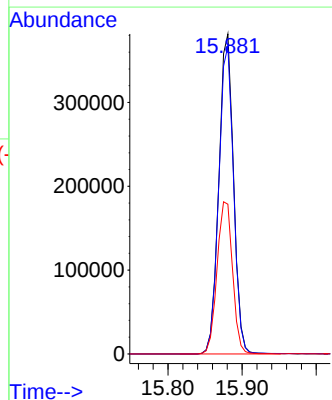
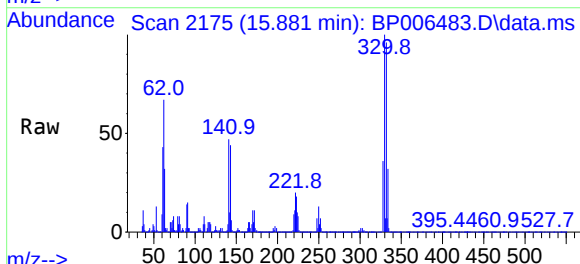
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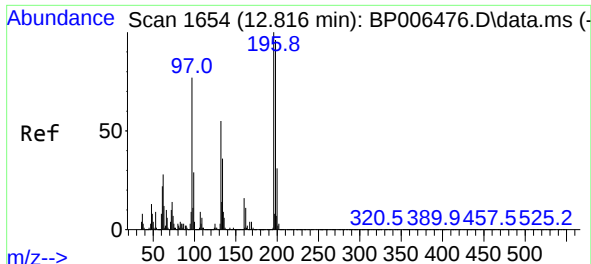


#42
2,4,6-Tribromophenol
Concen: 118.218 ng
RT: 15.881 min Scan# 2175
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion: 330 Resp: 526860

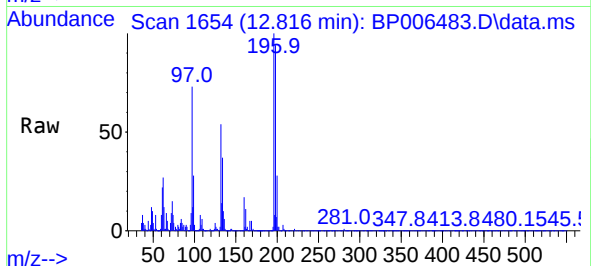
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.8	116.8
141	50.1	25.4	38.2





#43
2,4,6-Trichlorophenol
Concen: 8.899 ng
RT: 12.816 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

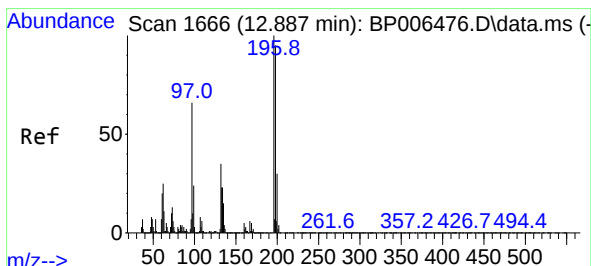
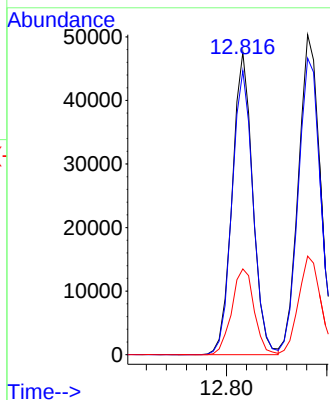
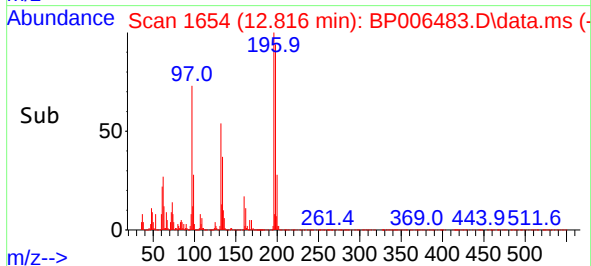
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



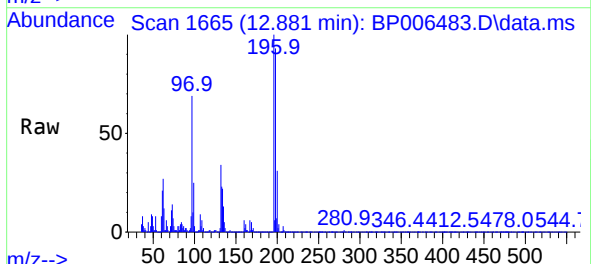
Tgt Ion:196 Resp: 67817
Ion Ratio Lower Upper
196 100
198 93.9 79.5 119.3
200 28.4 25.0 37.6

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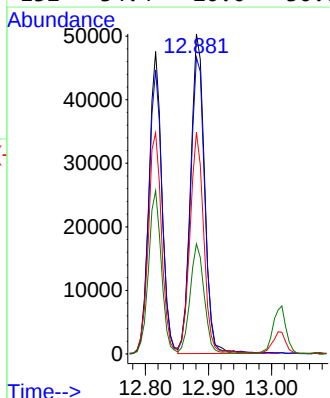
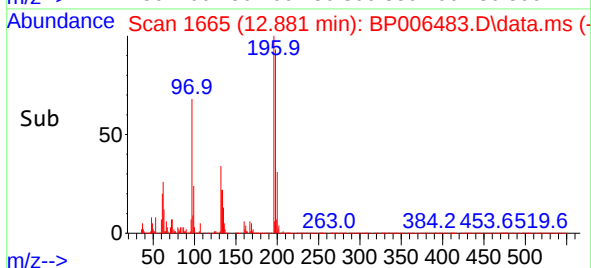
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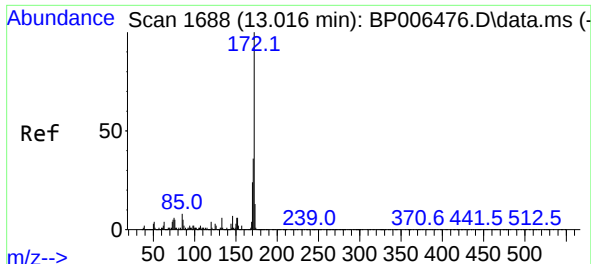


#44
2,4,5-Trichlorophenol
Concen: 9.120 ng
RT: 12.881 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



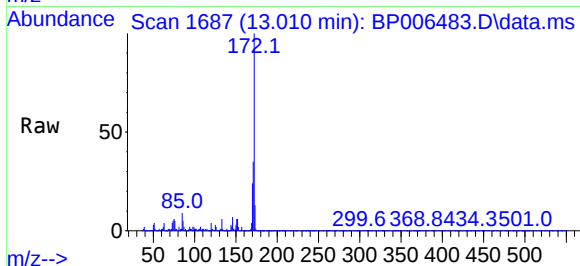
Tgt Ion:196 Resp: 76932
Ion Ratio Lower Upper
196 100
198 92.7 74.7 112.1
97 69.3 37.4 56.0#
132 34.4 20.0 30.0#





#45
2-Fluorobiphenyl
Concen: 64.202 ng
RT: 13.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

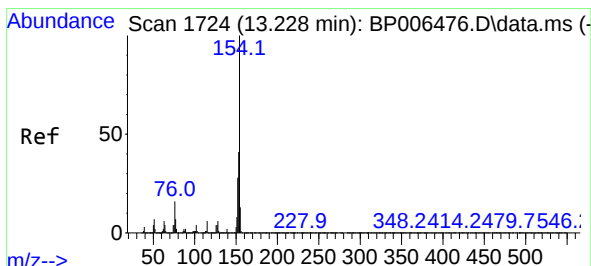
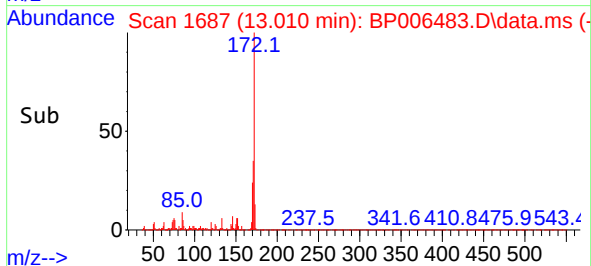
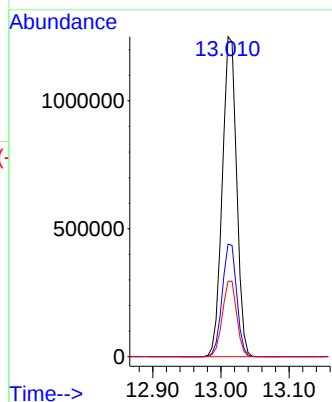
Instrument :
BNA_P
ClientSampleId :
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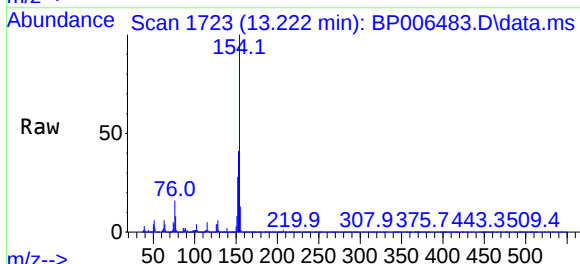
Tgt Ion:172 Resp: 1829895
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.6 18.6 27.8

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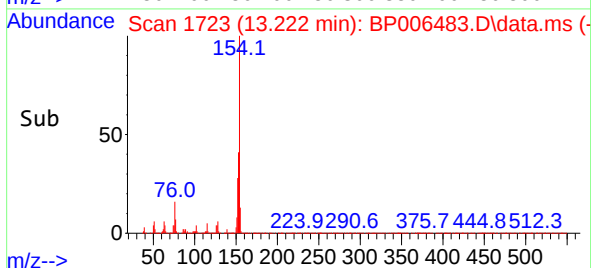
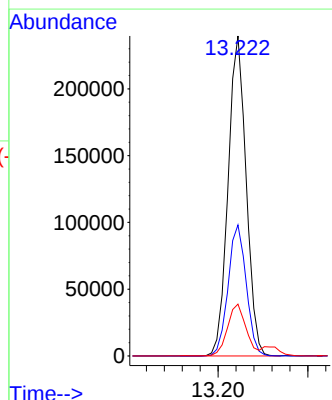
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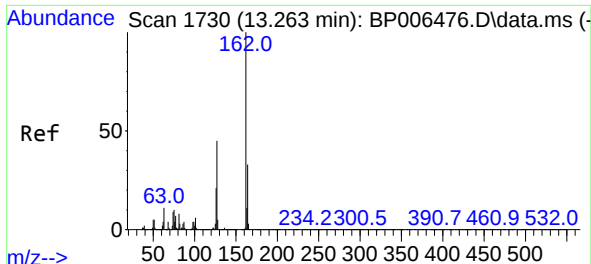


#46
1,1'-Biphenyl
Concen: 10.377 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



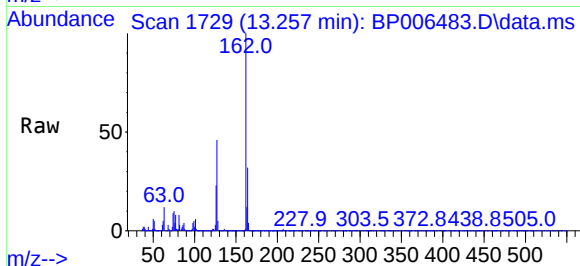
Tgt Ion:154 Resp: 334922
Ion Ratio Lower Upper
154 100
153 41.0 20.4 60.4
76 16.2 0.0 30.8





#47
2-Chloronaphthalene
Concen: 9.860 ng
RT: 13.257 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

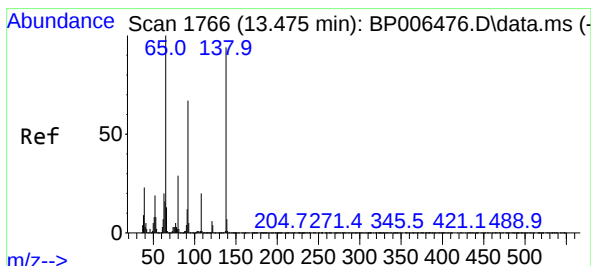
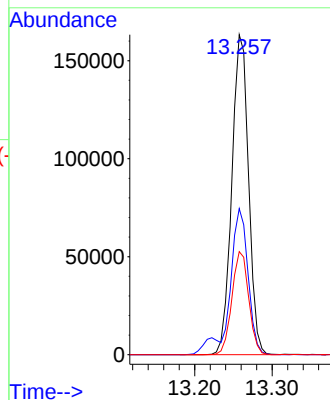
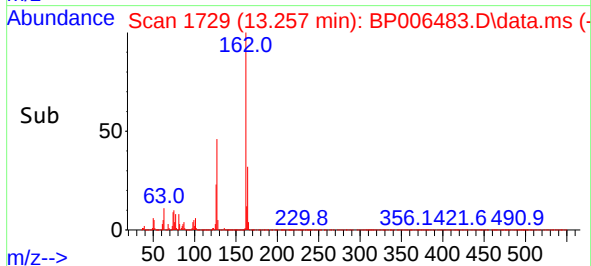
Instrument :
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ClientSampleId :
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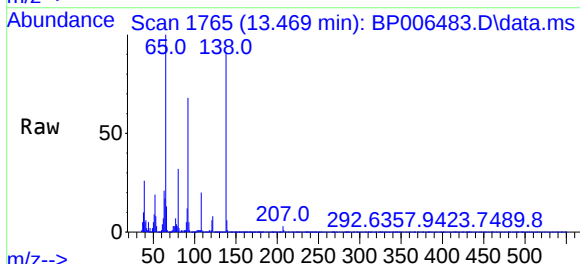
Tgt Ion:162 Resp: 245082
Ion Ratio Lower Upper
162 100
127 45.6 31.4 47.0
164 32.2 26.6 39.8

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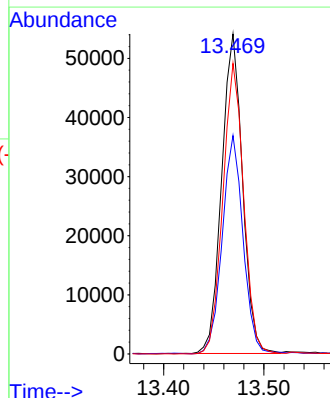
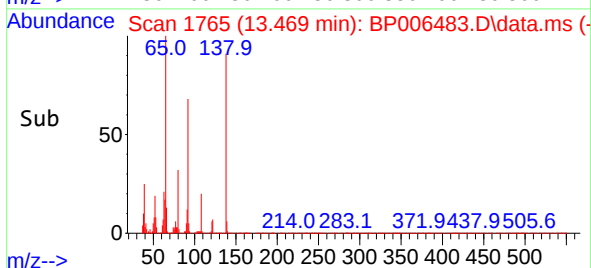
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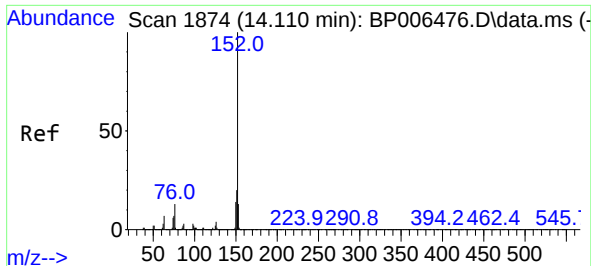


#48
2-Nitroaniline
Concen: 8.898 ng
RT: 13.469 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

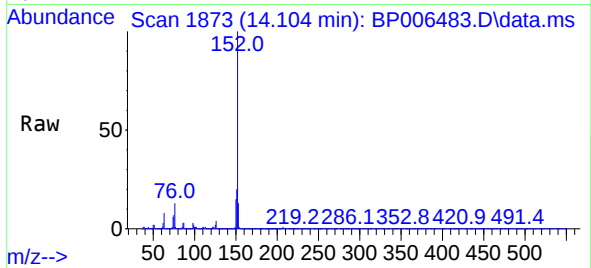


Tgt Ion: 65 Resp: 78055
Ion Ratio Lower Upper
65 100
92 68.3 57.7 86.5
138 90.8 92.1 138.1#

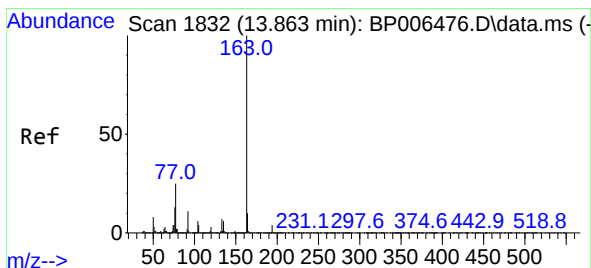
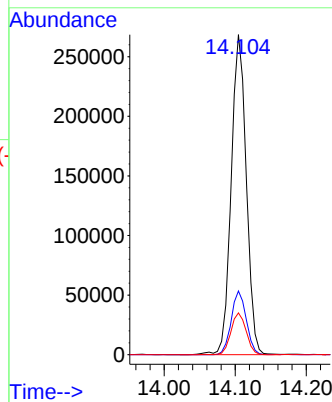
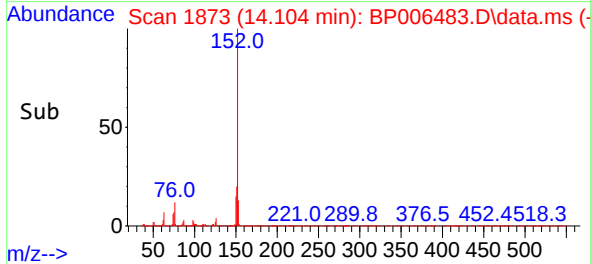




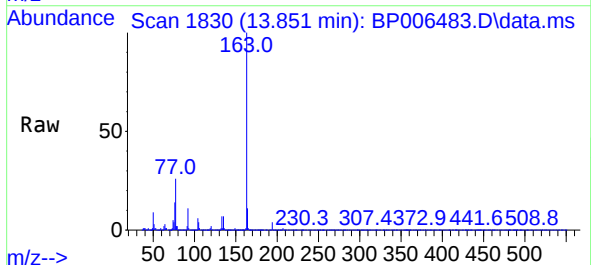
#49
Acenaphthylene
Concen: 9.902 ng
RT: 14.104 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



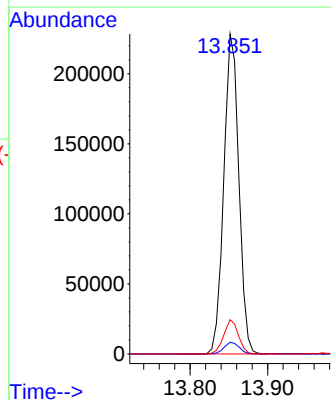
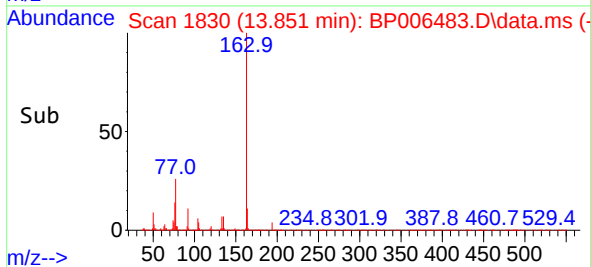
Tgt Ion:152 Resp: 396853
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.1 10.6 16.0



#50
Dimethylphthalate
Concen: 9.916 ng
RT: 13.851 min Scan# 1830
Delta R.T. -0.012 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



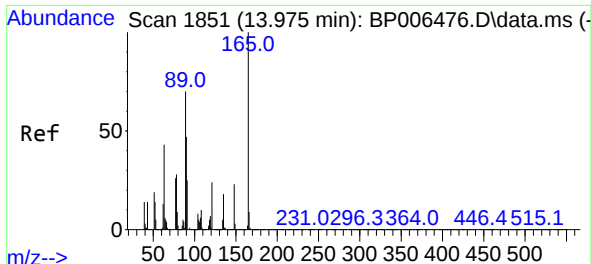
Tgt Ion:163 Resp: 307794
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.2
164 10.7 8.2 12.2



Instrument :
BNA_P
ClientSampleId :
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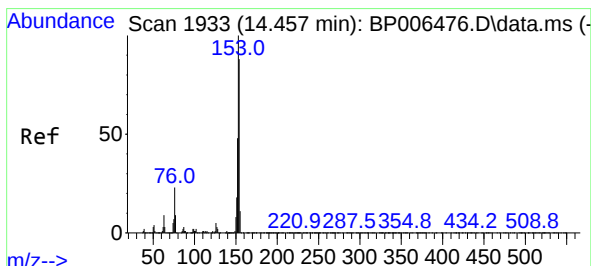
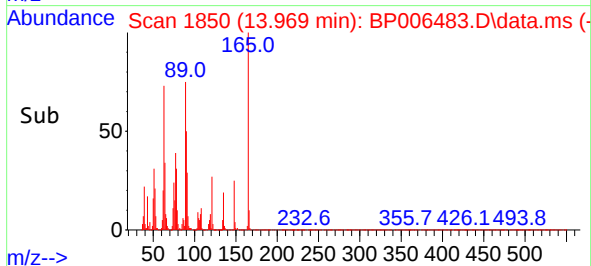
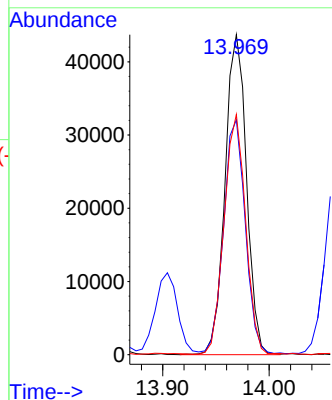
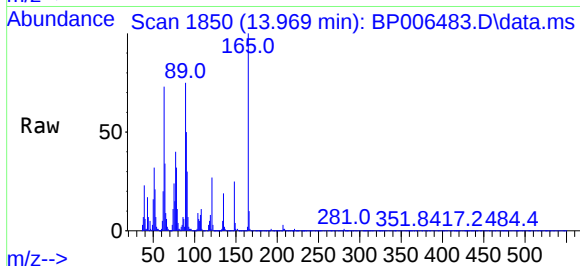
#51
2,6-Dinitrotoluene
Concen: 8.799 ng
RT: 13.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion:165 Resp: 60949
Ion Ratio Lower Upper
165 100
63 73.4 41.3 61.9#
89 75.1 44.8 67.2#

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

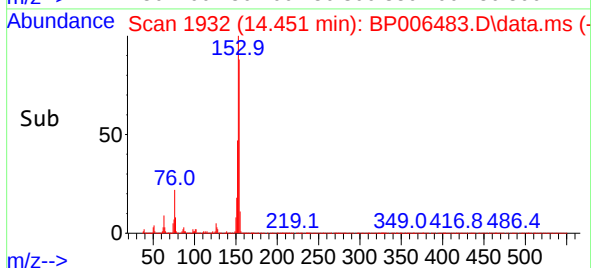
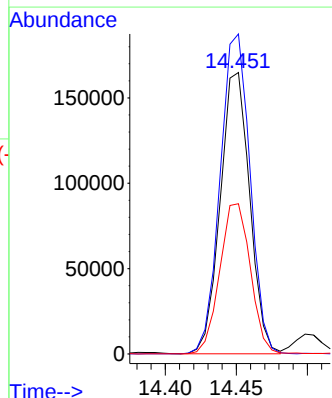
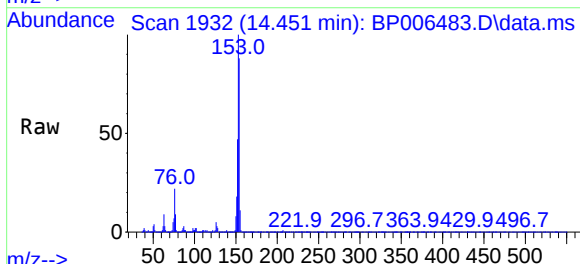
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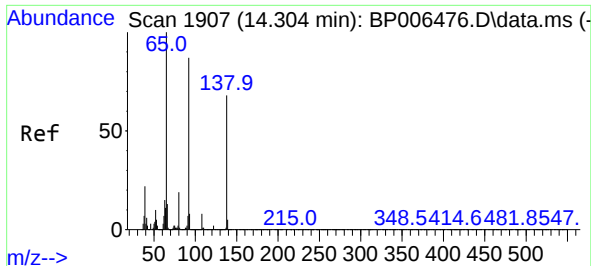
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#52
Acenaphthene
Concen: 9.761 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

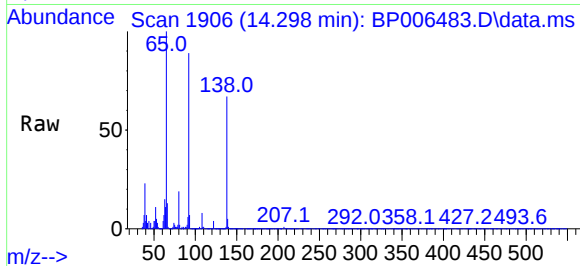
Tgt Ion:154 Resp: 238094
Ion Ratio Lower Upper
154 100
153 113.7 89.4 134.2
152 53.4 43.0 64.4





#53
3-Nitroaniline
Concen: 9.064 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

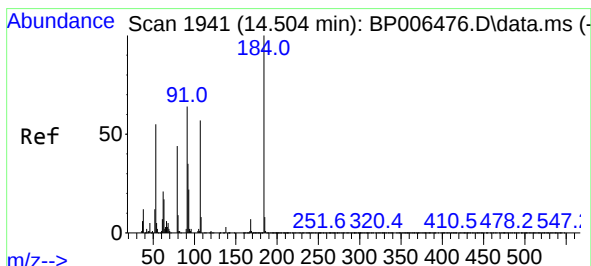
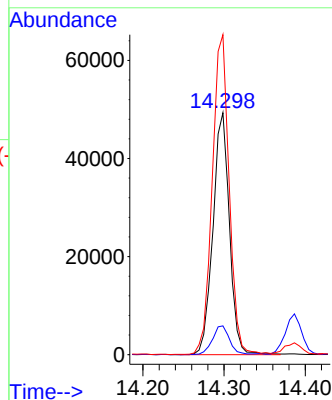
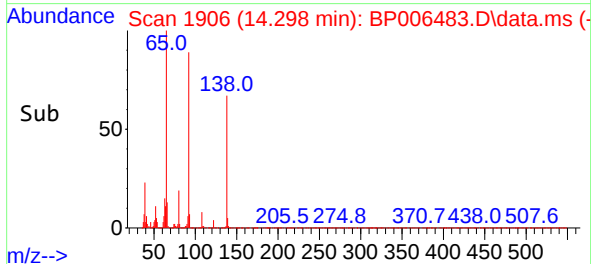
Instrument :
BNA_P
ClientSampleId :
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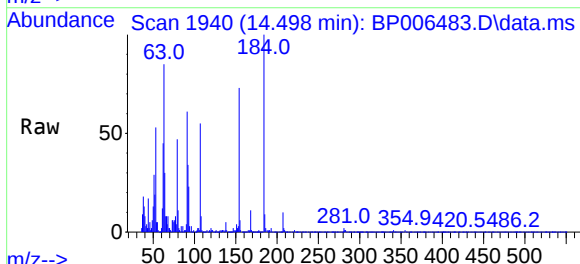
Tgt Ion:138 Resp: 69597
Ion Ratio Lower Upper
138 100
108 11.9 8.4 12.6
92 132.2 87.8 131.8#

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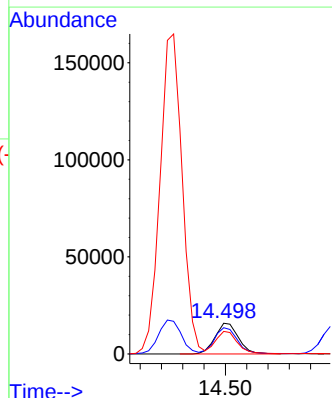
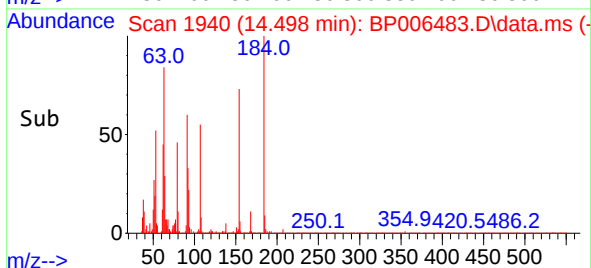
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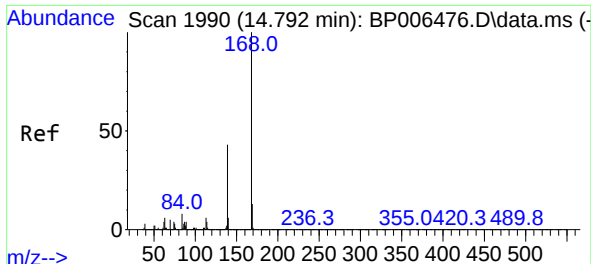


#54
2,4-Dinitrophenol
Concen: 6.657 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



Tgt Ion:184 Resp: 24113
Ion Ratio Lower Upper
184 100
63 85.1 47.0 70.6#
154 73.3 52.3 78.5





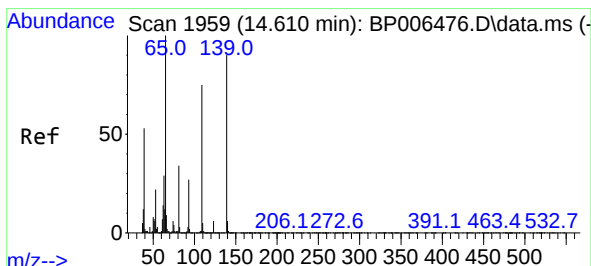
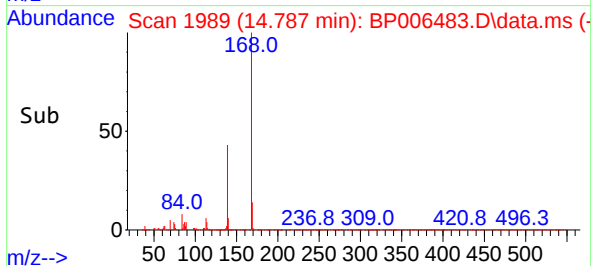
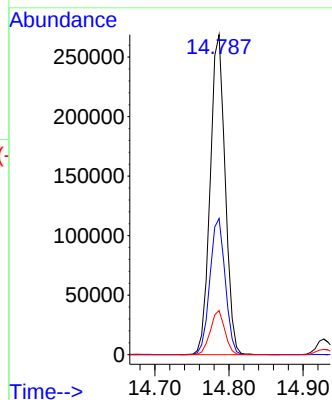
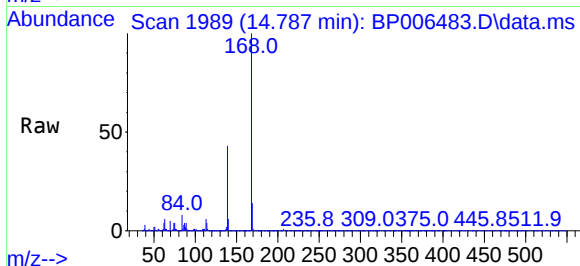
#55
Dibenzenofuran
Concen: 9.822 ng
RT: 14.787 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion:	168	Resp:	376843
Ion	Ratio	Lower	Upper
168	100		
139	42.6	31.0	46.6
169	13.8	10.8	16.2

Instrument :
BNA_P
ClientSampleId :
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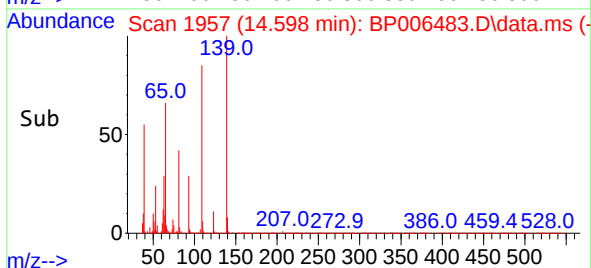
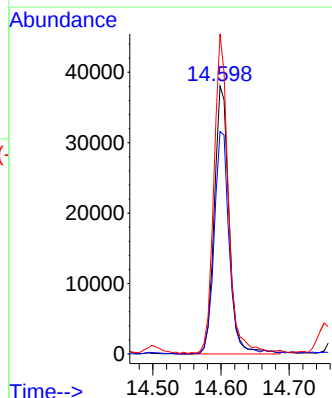
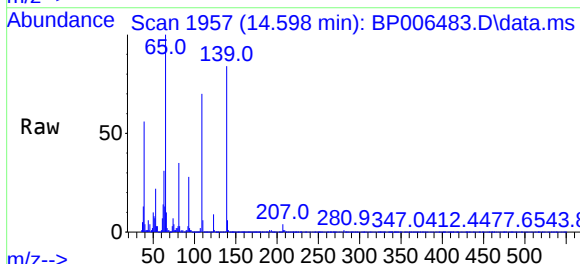
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#56
4-Nitrophenol
Concen: 8.615 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

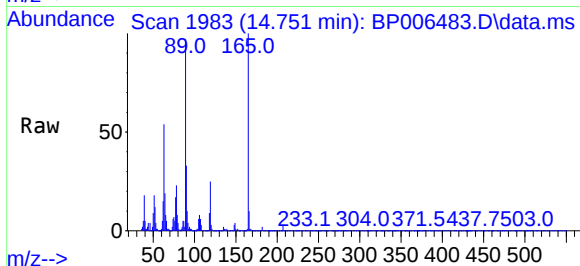
Tgt Ion:	139	Resp:	57440
Ion	Ratio	Lower	Upper
139	100		
109	83.0	72.3	112.3
65	119.5	72.5	112.5#





#57
2,4-Dinitrotoluene
Concen: 8.472 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

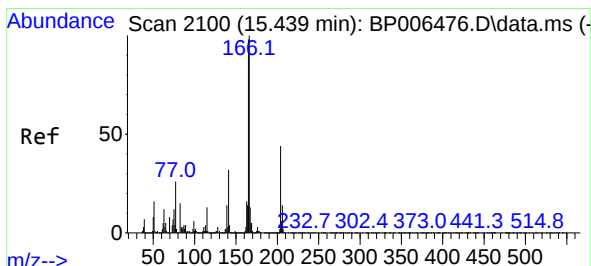
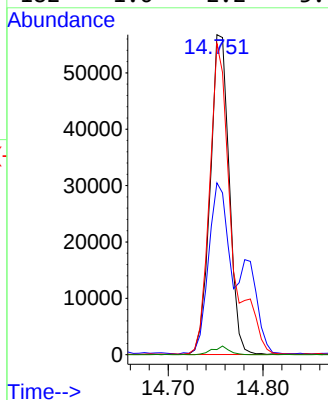
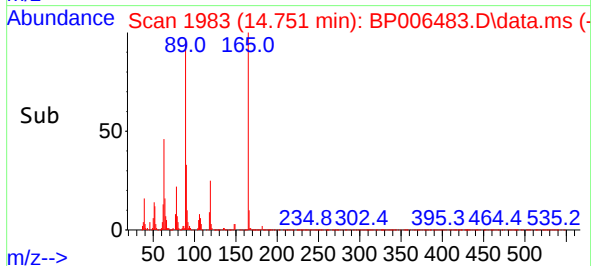
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



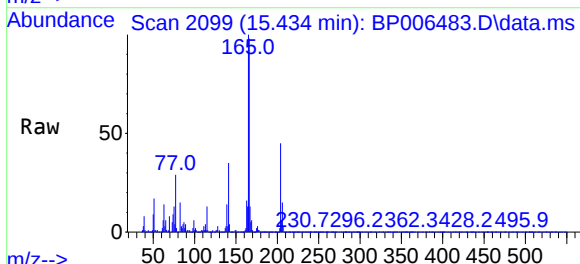
Tgt Ion:165 Resp: 78693
Ion Ratio Lower Upper
165 100
63 53.7 32.3 48.5#
89 97.3 55.9 83.9#
182 1.6 2.2 3.4#

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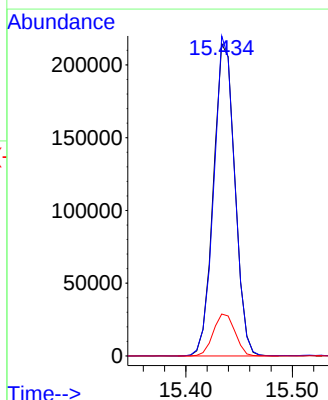
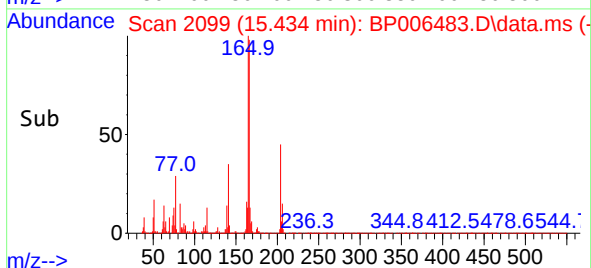
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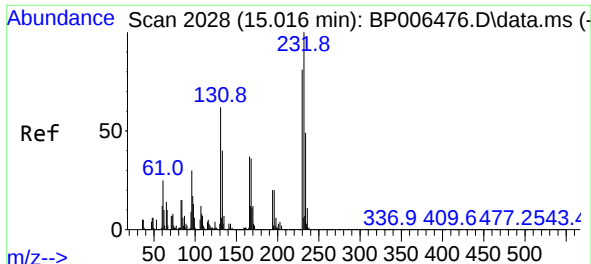


#58
Fluorene
Concen: 9.760 ng
RT: 15.434 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



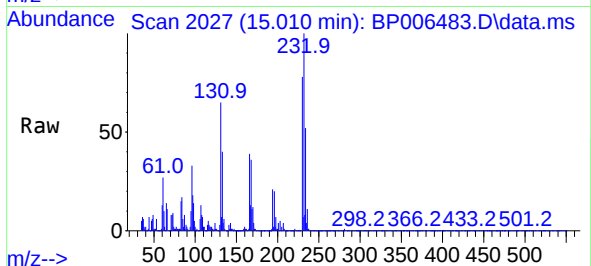
Tgt Ion:166 Resp: 299320
Ion Ratio Lower Upper
166 100
165 102.4 78.0 117.0
167 13.4 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.640 ng
RT: 15.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

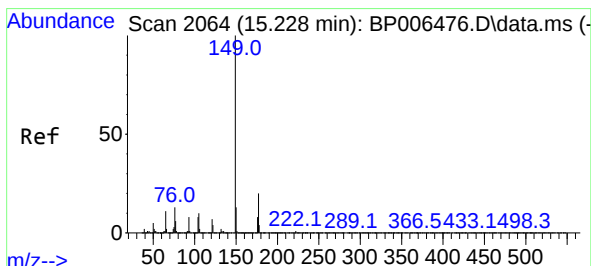
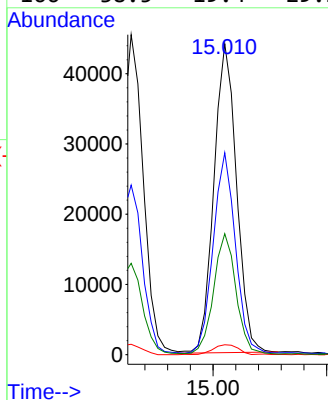
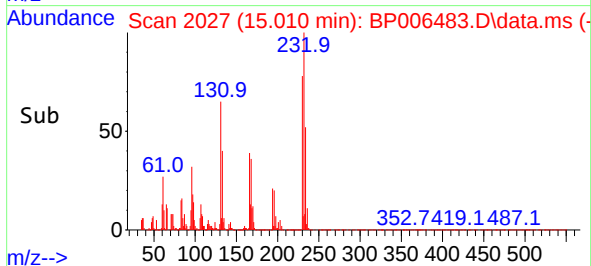
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



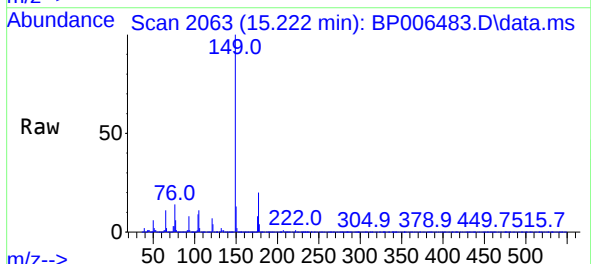
Tgt Ion:232 Resp: 61076
Ion Ratio Lower Upper
232 100
131 65.5 32.2 48.4#
130 3.6 2.0 3.0#
166 38.5 19.4 29.2#

Manual Integrations
APPROVED

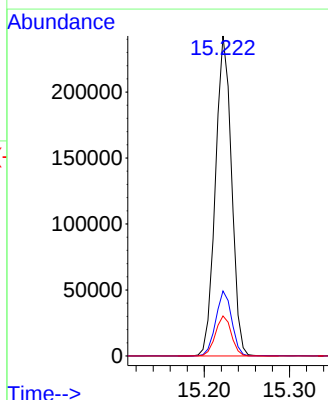
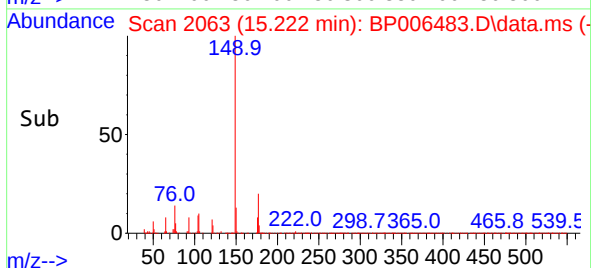
mohammad
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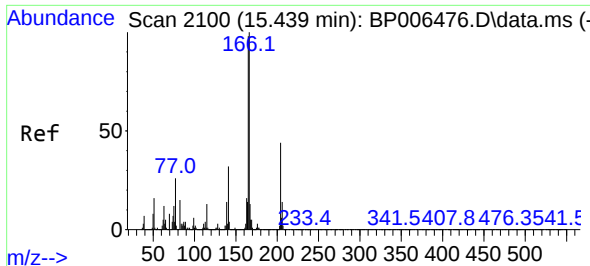


#60
Diethylphthalate
Concen: 9.746 ng
RT: 15.222 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



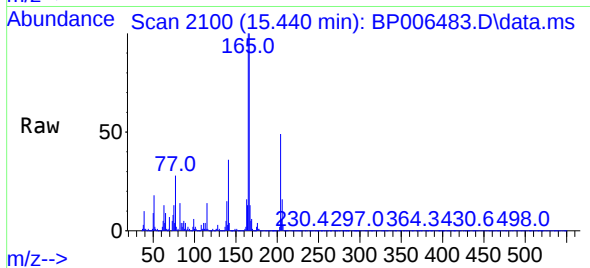
Tgt Ion:149 Resp: 317747
Ion Ratio Lower Upper
149 100
177 20.3 17.5 26.3
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 10.050 ng
RT: 15.440 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

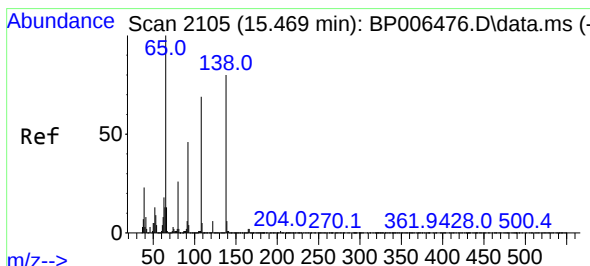
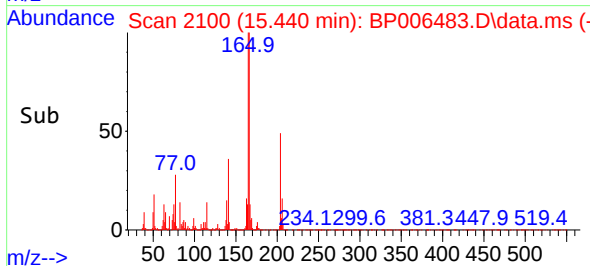
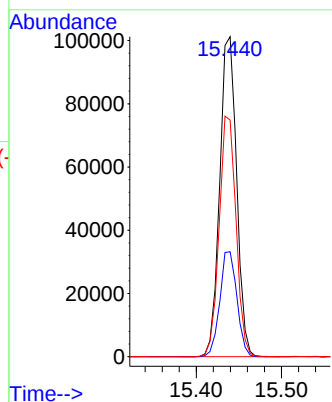
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:204 Resp: 139571
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 74.0 48.6 73.0#

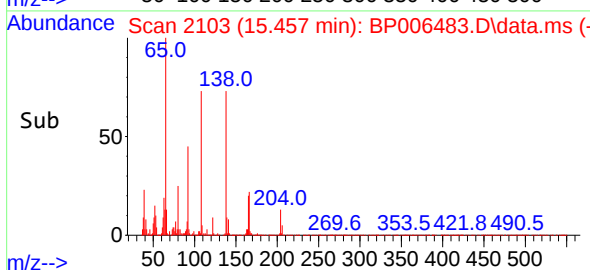
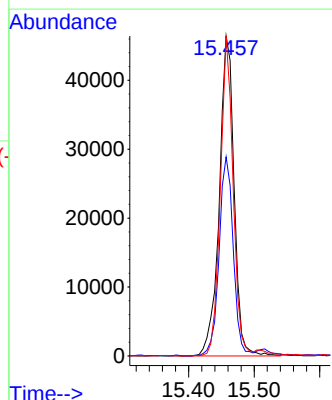
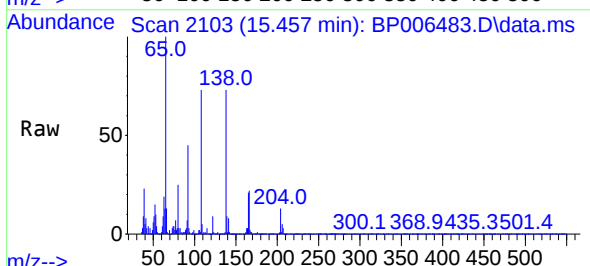
Manual Integrations
APPROVED

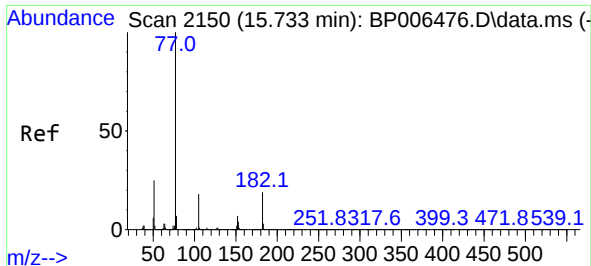
mohammad
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#62
4-Nitroaniline
Concen: 8.925 ng
RT: 15.457 min Scan# 2103
Delta R.T. -0.012 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

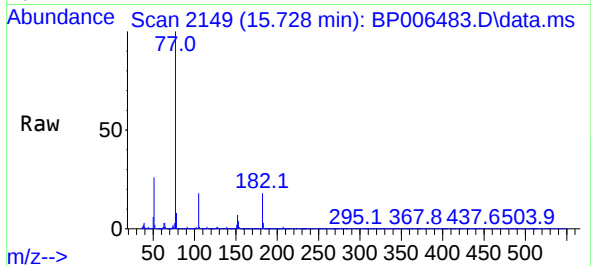
Tgt Ion:138 Resp: 72719
Ion Ratio Lower Upper
138 100
92 62.2 31.2 71.2
108 99.9 78.6 118.6





#63
Azobenzene
Concen: 9.520 ng
RT: 15.728 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

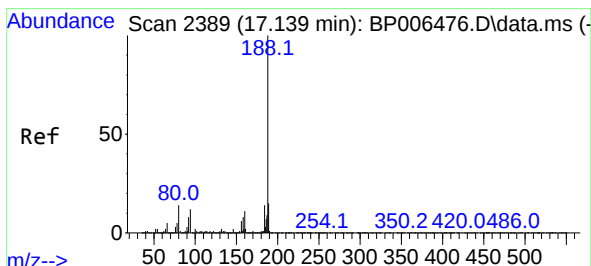
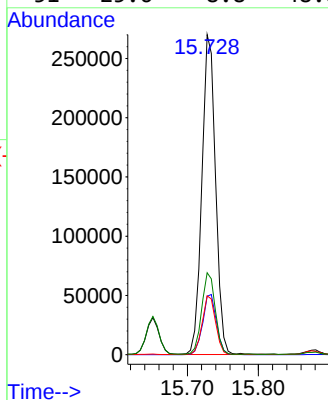
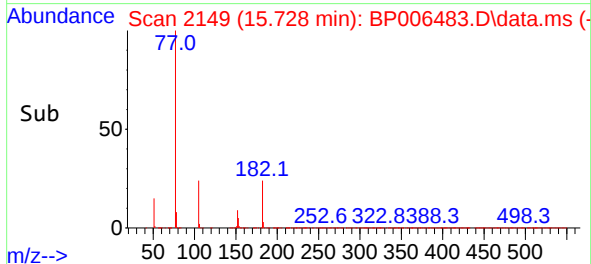
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



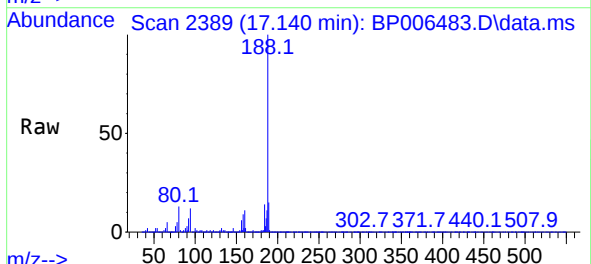
Tgt Ion: 77 Resp: 361853
Ion Ratio Lower Upper
77 100
182 18.2 6.0 46.0
105 18.4 0.0 38.8
51 25.6 8.8 48.8

Manual Integrations
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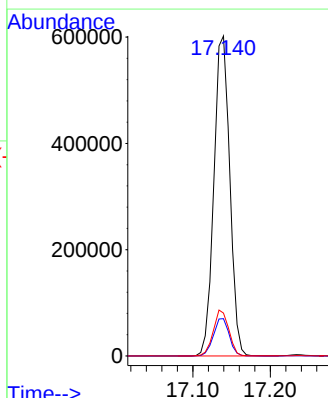
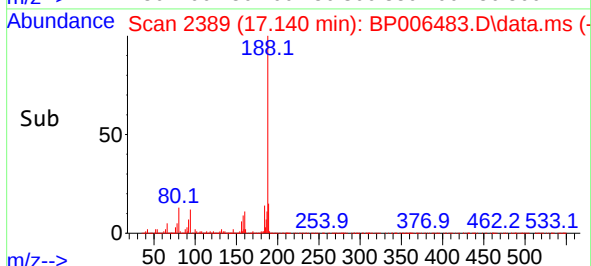
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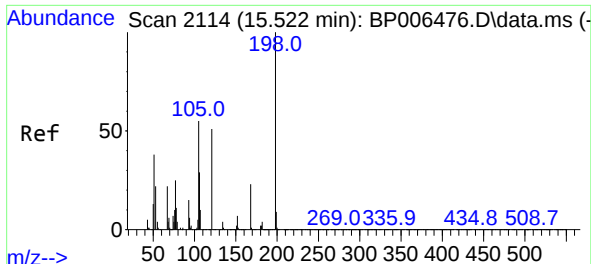


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.140 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



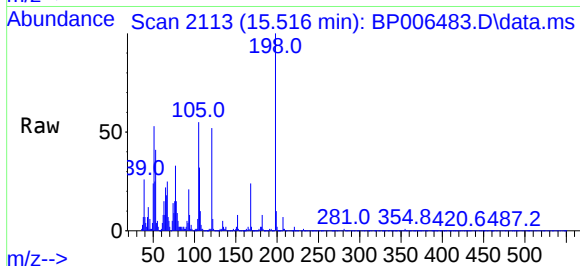
Tgt Ion: 188 Resp: 858508
Ion Ratio Lower Upper
188 100
94 11.6 5.6 8.4#
80 13.4 6.3 9.5#





#65
4,6-Dinitro-2-methylphenol
Concen: 6.547 ng
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

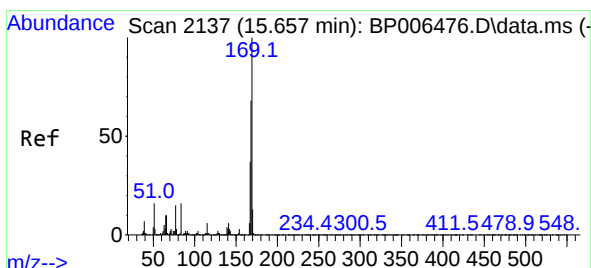
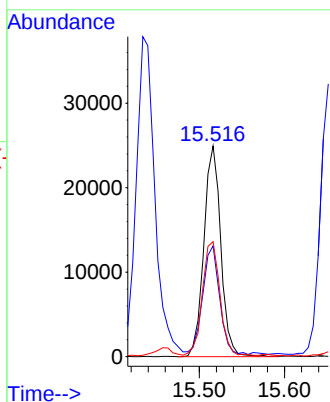
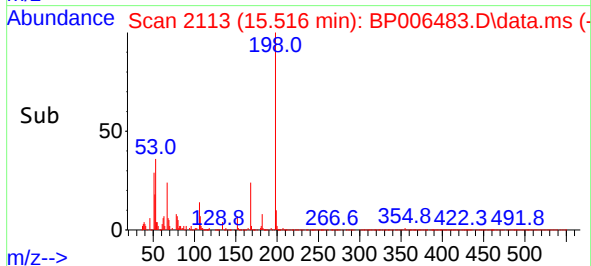
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



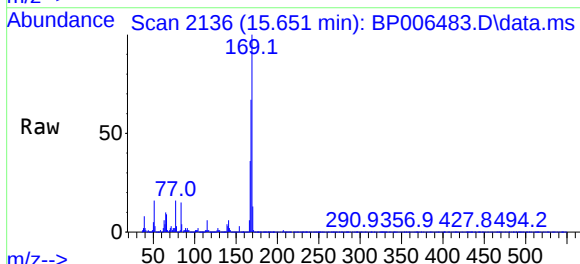
Tgt Ion:198 Resp: 34341
Ion Ratio Lower Upper
198 100
51 52.6 14.0 54.0
105 54.6 19.5 59.5

Manual Integrations
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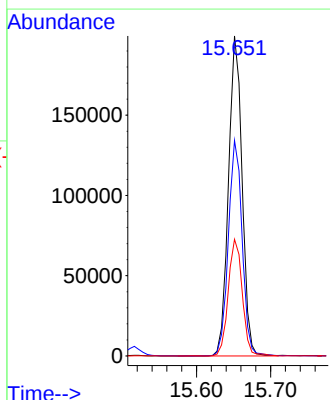
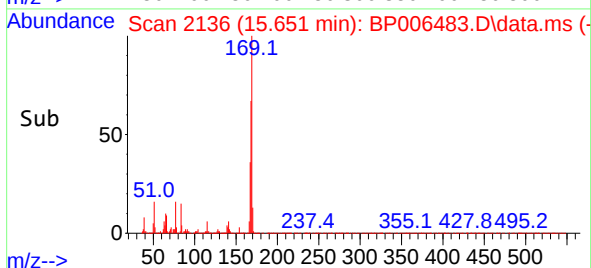
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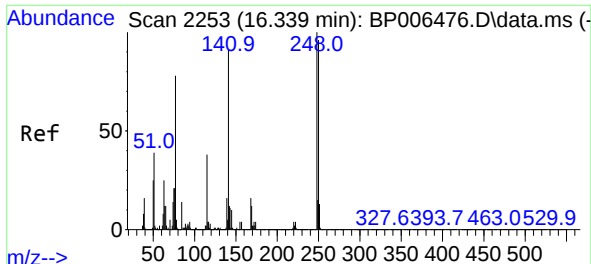


#66
n-Nitrosodiphenylamine
Concen: 9.400 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



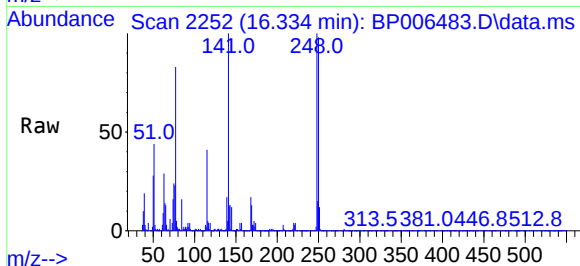
Tgt Ion:169 Resp: 253653
Ion Ratio Lower Upper
169 100
168 67.4 54.4 81.6
167 36.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 9.478 ng
RT: 16.334 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

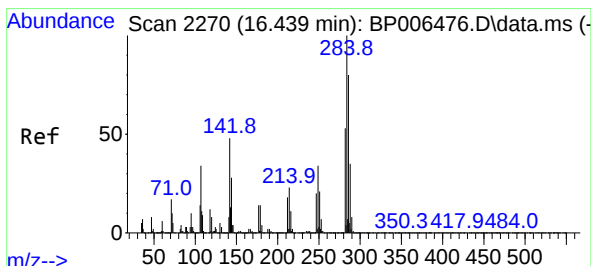
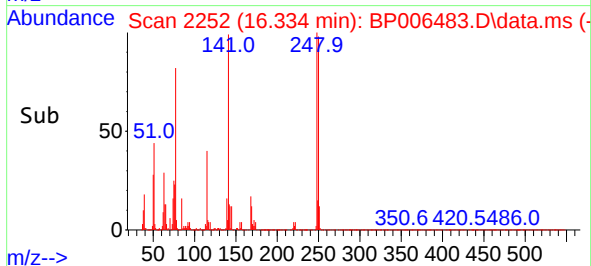
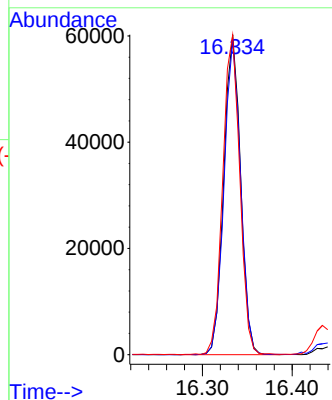
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:248 Resp: 78076
Ion Ratio Lower Upper
248 100
250 98.3 79.8 119.8
141 99.9 57.8 86.6#

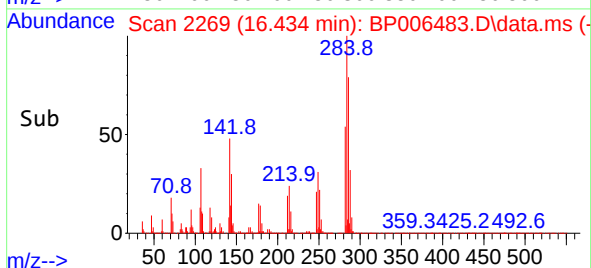
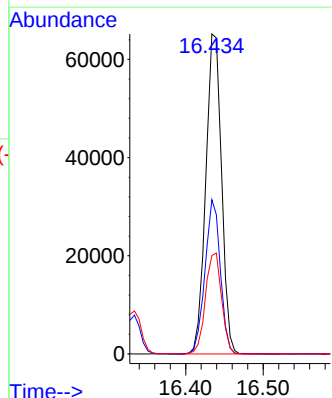
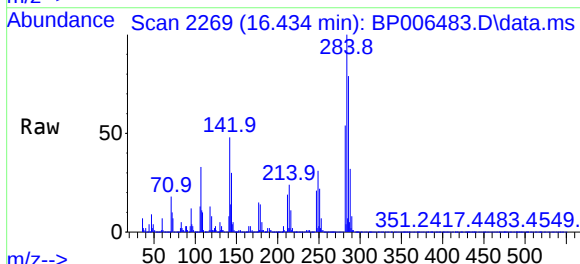
Manual Integrations
APPROVED

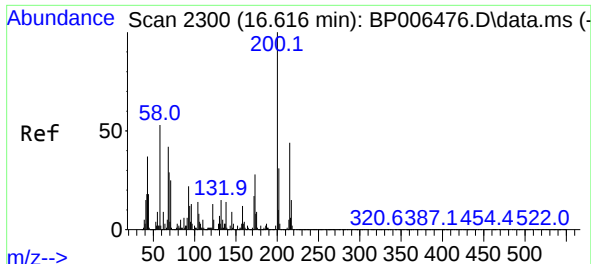
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#68
Hexachlorobenzene
Concen: 9.818 ng
RT: 16.434 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion:284 Resp: 92036
Ion Ratio Lower Upper
284 100
142 48.2 26.9 40.3#
249 30.8 24.5 36.7





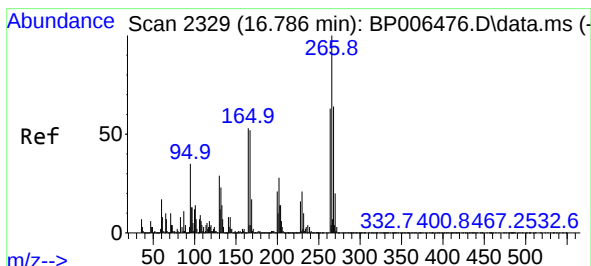
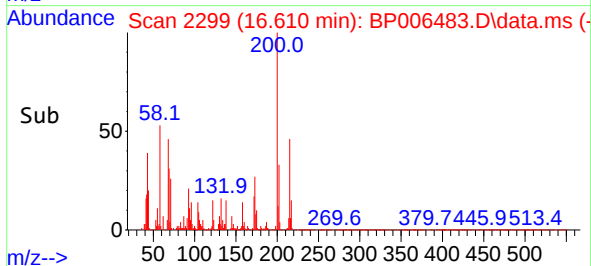
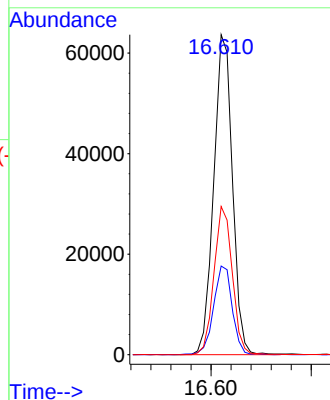
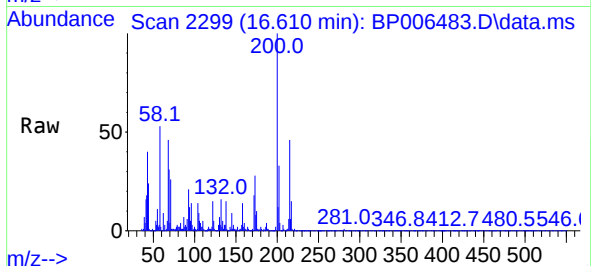
#69
Atrazine
Concen: 9.783 ng
RT: 16.610 min Scan# 2299
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion:	200	Resp:	82375
Ion Ratio	Lower	Upper	
200	100		
173	27.7	4.1	44.1
215	46.3	27.7	67.7

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

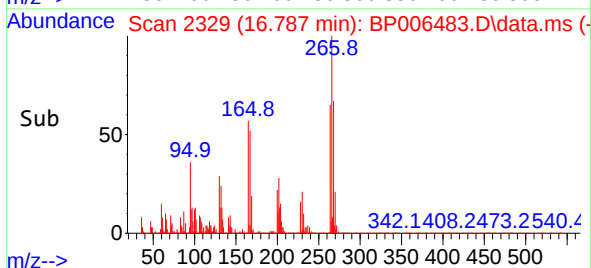
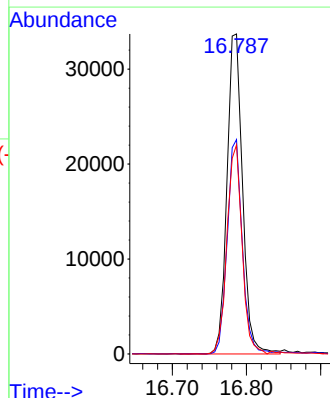
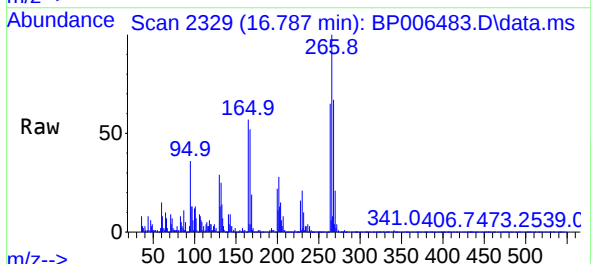
Manual Integrations
APPROVED

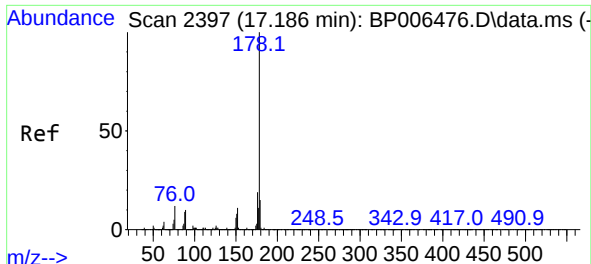
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#70
Pentachlorophenol
Concen: 8.255 ng
RT: 16.787 min Scan# 2329
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

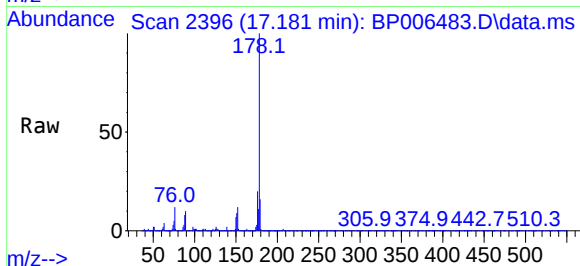
Tgt Ion:	266	Resp:	49095
Ion Ratio	Lower	Upper	
266	100		
268	67.0	51.6	77.4
264	65.3	50.3	75.5





#71
Phenanthrene
Concen: 9.759 ng
RT: 17.181 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

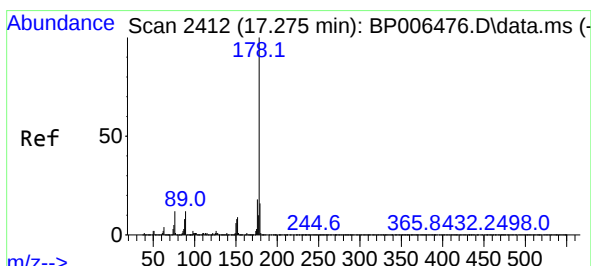
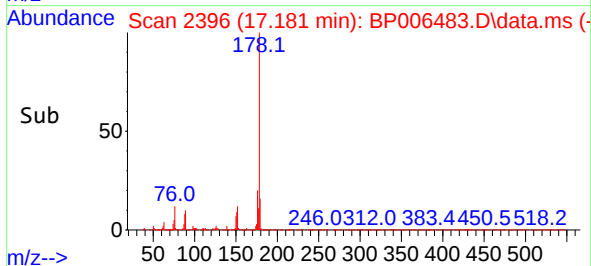
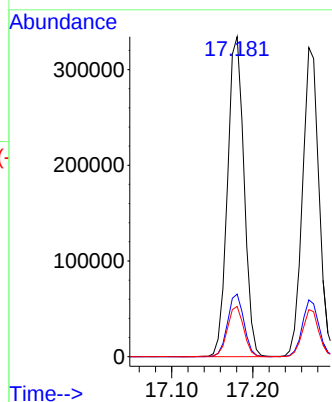
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:178 Resp: 472585
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 15.7 12.4 18.6

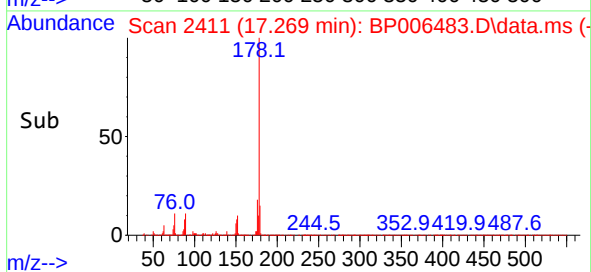
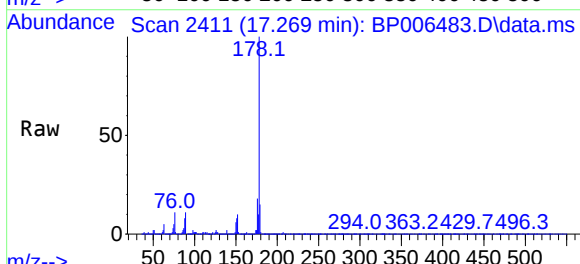
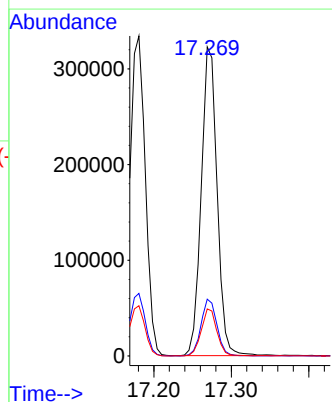
Manual Integrations
APPROVED

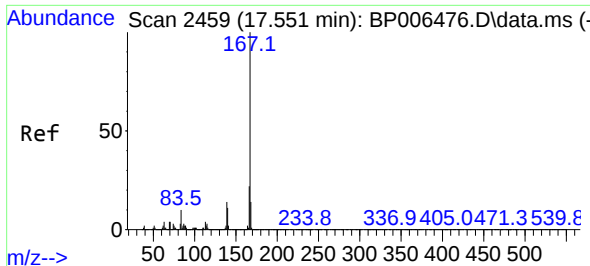
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#72
Anthracene
Concen: 9.819 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

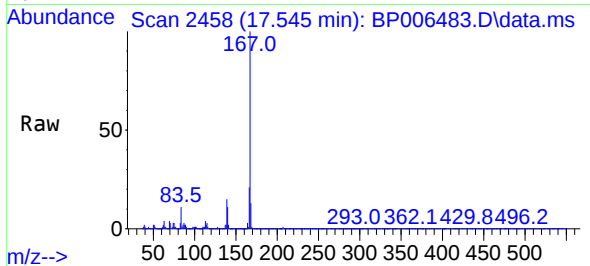
Tgt Ion:178 Resp: 459473
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.2 12.2 18.2





#73
Carbazole
Concen: 9.224 ng
RT: 17.545 min Scan# 2458
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

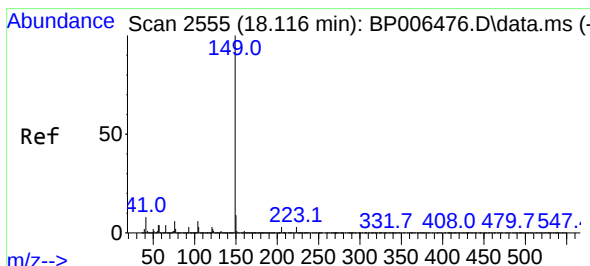
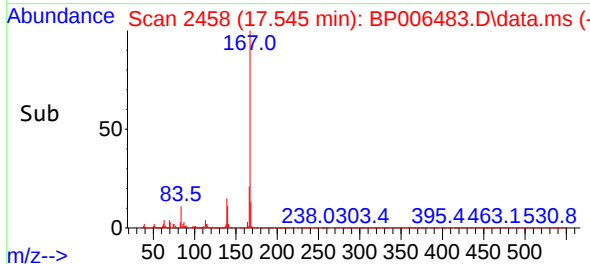
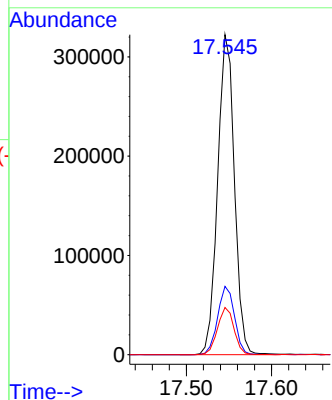
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:167 Resp: 440255
Ion Ratio Lower Upper
167 100
166 21.4 17.1 25.7
139 14.7 10.7 16.1

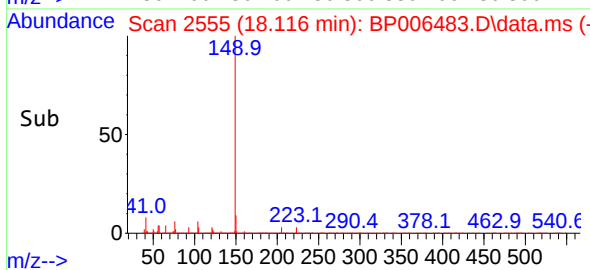
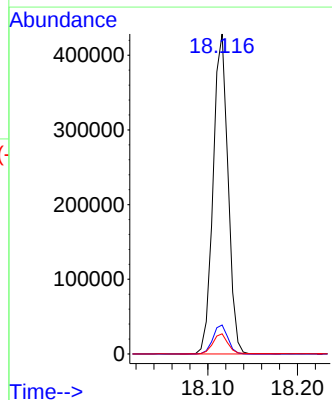
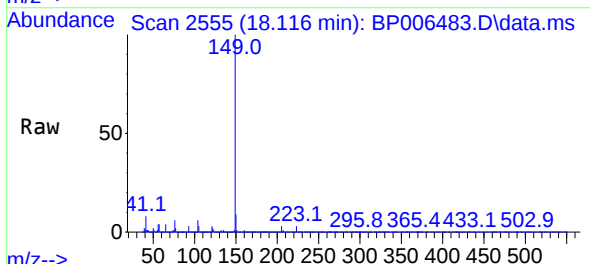
Manual Integrations
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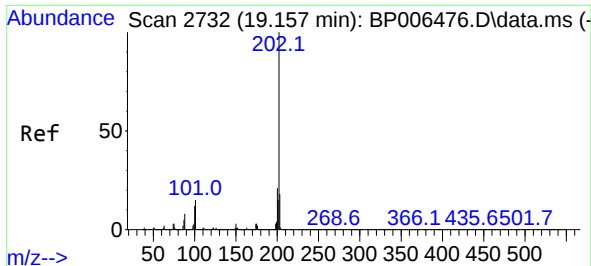
mohammad
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#74
Di-n-butylphthalate
Concen: 9.062 ng
RT: 18.116 min Scan# 2555
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

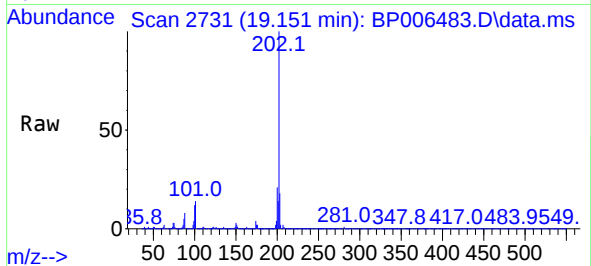
Tgt Ion:149 Resp: 492761
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 6.3 4.5 6.7





#75
Fluoranthene
Concen: 9.370 ng
RT: 19.151 min Scan# 2731
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

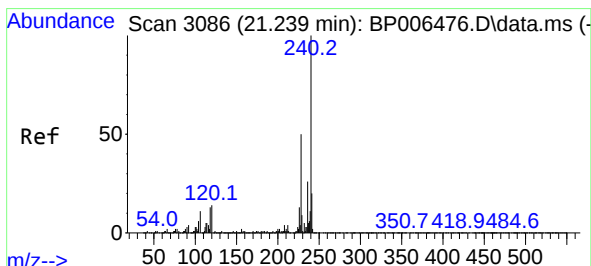
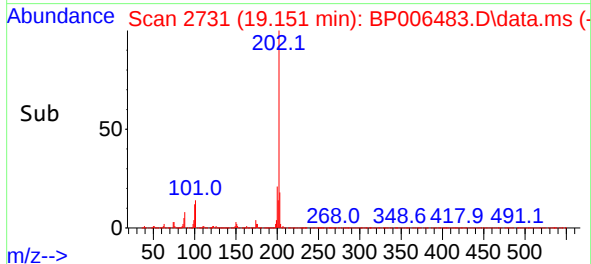
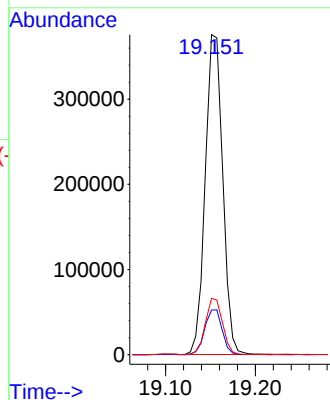
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:202 Resp: 509273
Ion Ratio Lower Upper
202 100
101 13.9 0.0 27.6
203 17.6 0.0 37.8

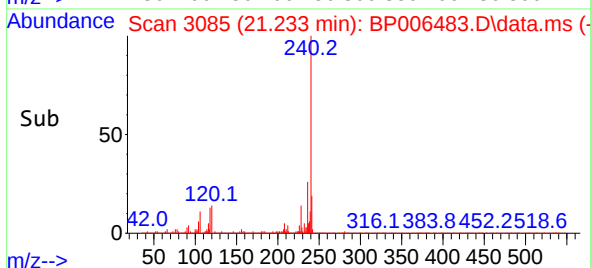
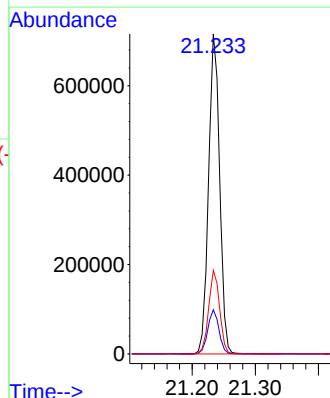
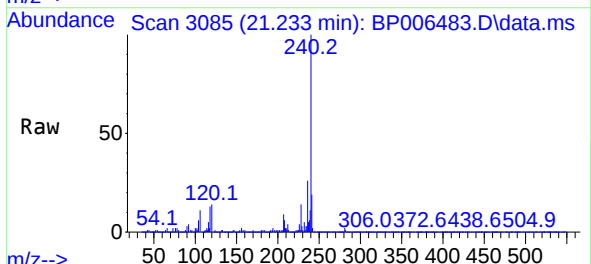
Manual Integrations
APPROVED

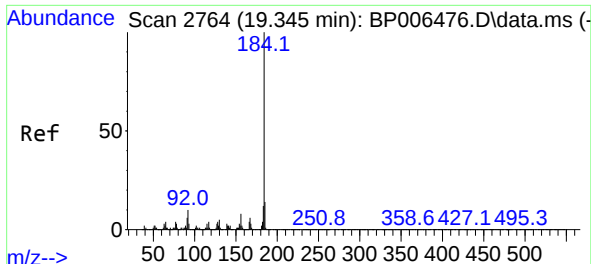
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.233 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

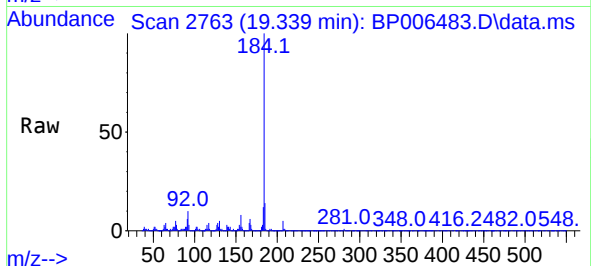
Tgt Ion:240 Resp: 869594
Ion Ratio Lower Upper
240 100
120 13.8 6.5 9.7#
236 26.2 20.6 31.0





#77
Benzidine
Concen: 12.671 ng
RT: 19.339 min Scan# 2763
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

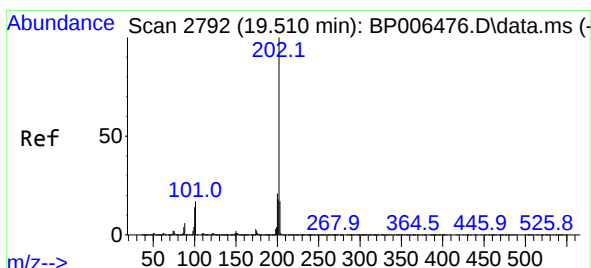
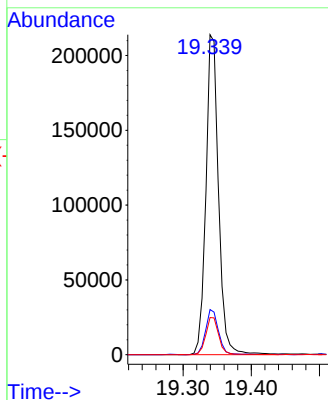
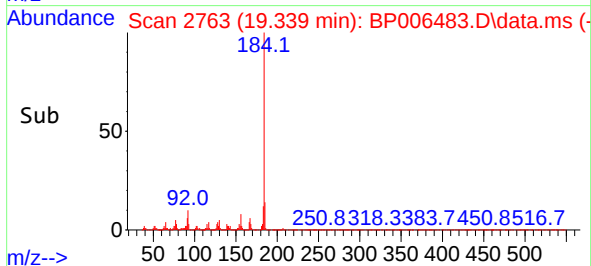
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



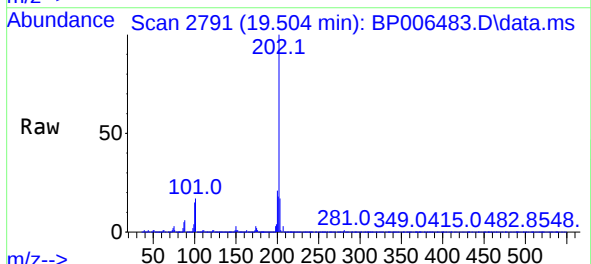
Tgt Ion:184 Resp: 275727
Ion Ratio Lower Upper
184 100
185 14.1 11.0 16.4
183 11.6 9.5 14.3

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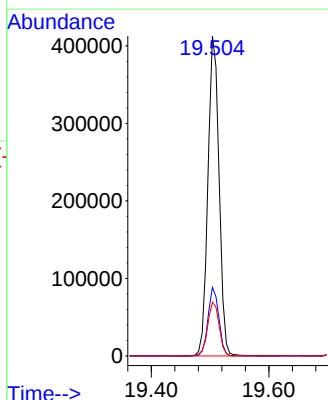
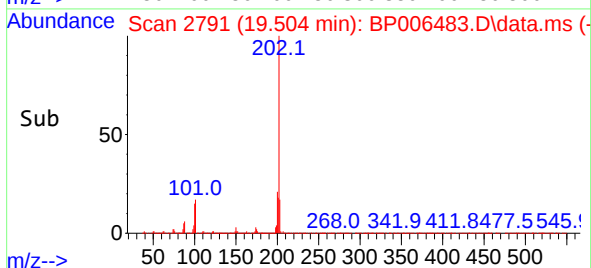
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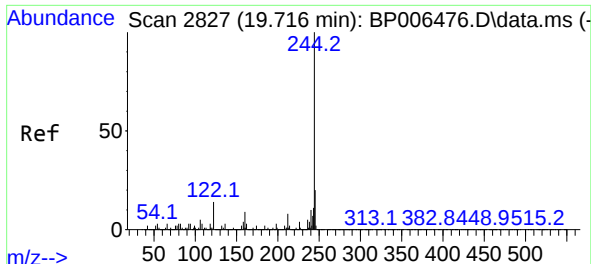


#78
Pyrene
Concen: 9.345 ng
RT: 19.504 min Scan# 2791
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



Tgt Ion:202 Resp: 542778
Ion Ratio Lower Upper
202 100
200 21.5 16.3 24.5
203 16.8 14.2 21.2





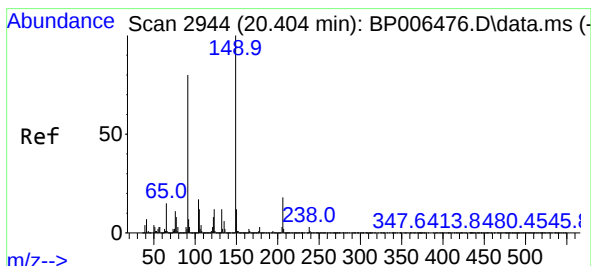
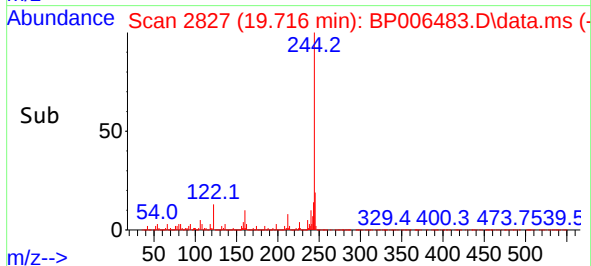
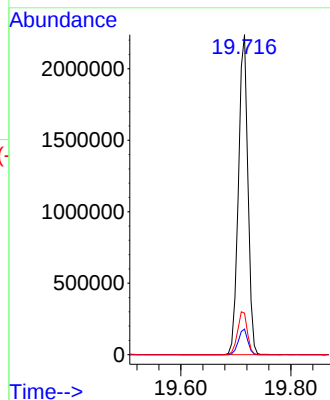
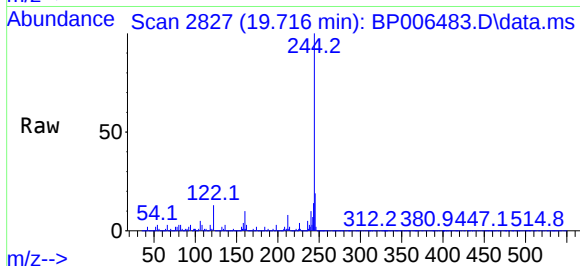
#79
Terphenyl-d14
Concen: 61.224 ng
RT: 19.716 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion:244 Resp: 2656979
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 13.0 7.1 10.7#

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

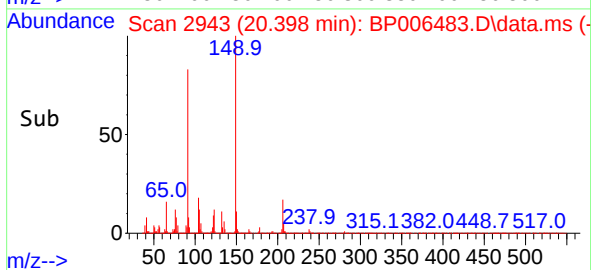
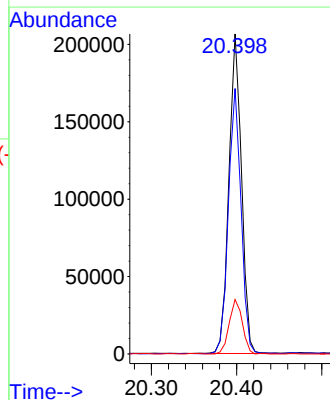
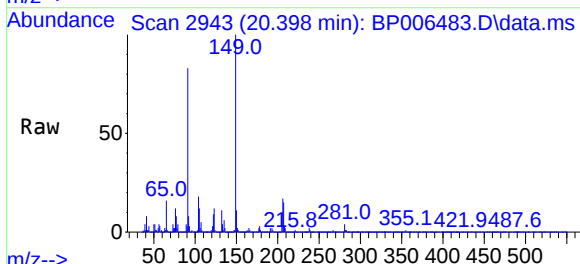
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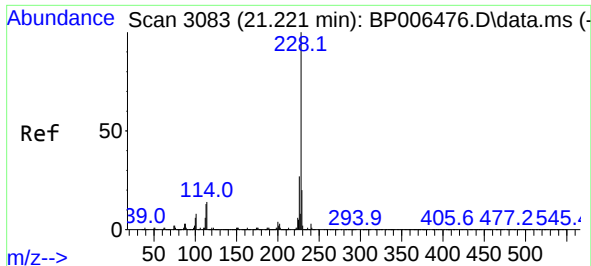
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#80
Butylbenzylphthalate
Concen: 8.324 ng
RT: 20.398 min Scan# 2943
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

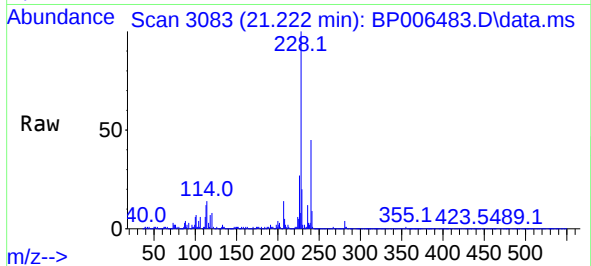
Tgt Ion:149 Resp: 212615
Ion Ratio Lower Upper
149 100
91 82.9 54.6 81.8#
206 17.0 16.7 25.1





#81
Benzo(a)anthracene
Concen: 9.341 ng
RT: 21.222 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

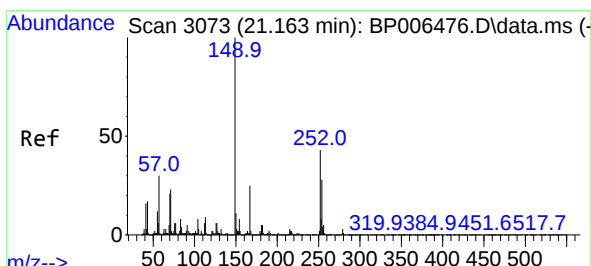
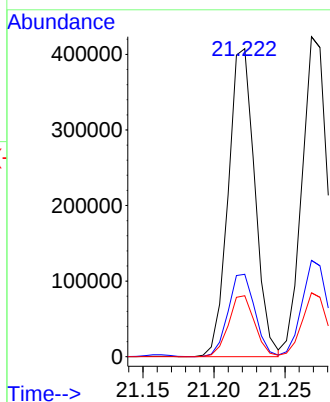
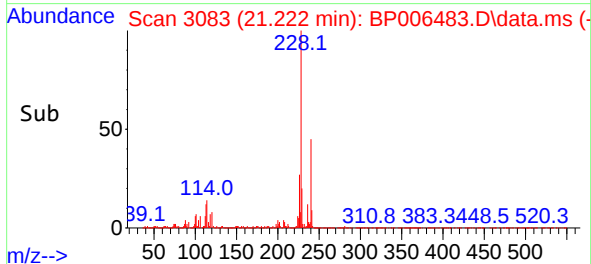
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



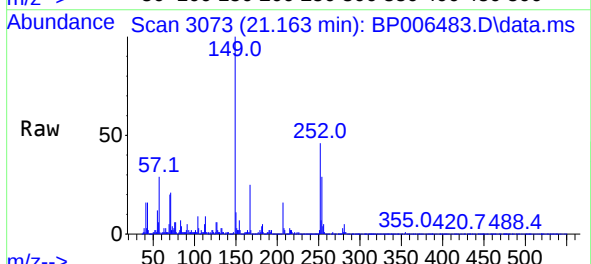
Tgt Ion:228 Resp: 530833
Ion Ratio Lower Upper
228 100
226 26.7 21.6 32.4
229 19.8 15.8 23.6

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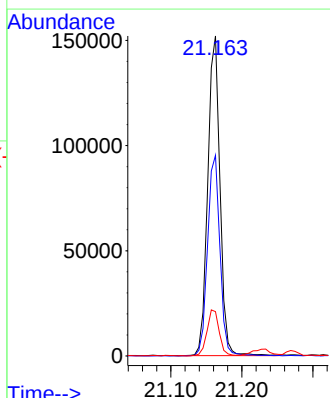
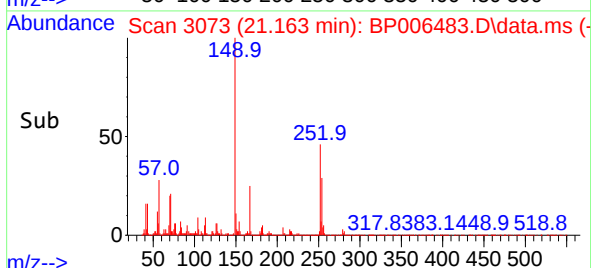
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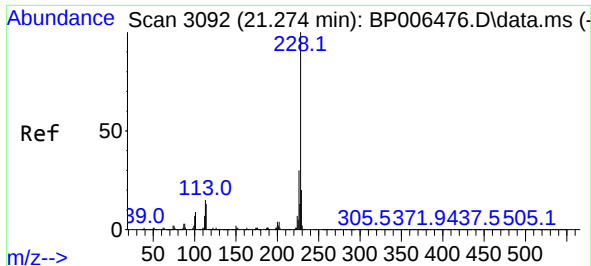


#82
3,3'-Dichlorobenzidine
Concen: 12.173 ng
RT: 21.163 min Scan# 3073
Delta R.T. 0.000 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



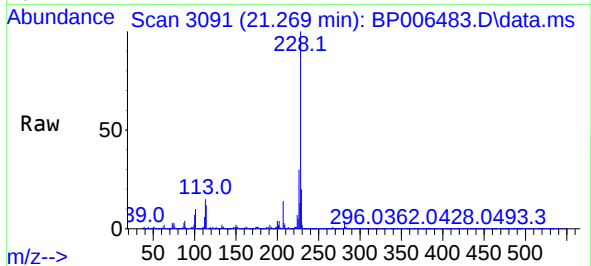
Tgt Ion:252 Resp: 181611
Ion Ratio Lower Upper
252 100
254 62.7 50.6 76.0
126 13.9 7.0 10.6#





#83
Chrysene
Concen: 9.578 ng
RT: 21.269 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

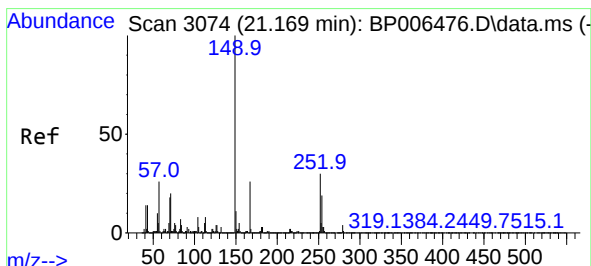
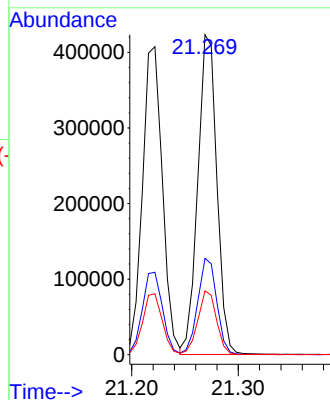
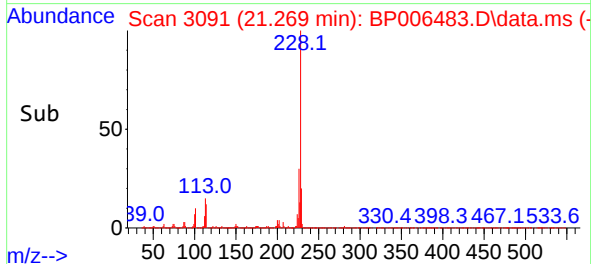
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



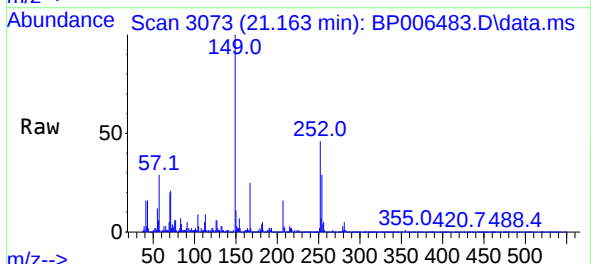
Tgt Ion:228 Resp: 527686
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.6
229 19.9 15.4 23.2

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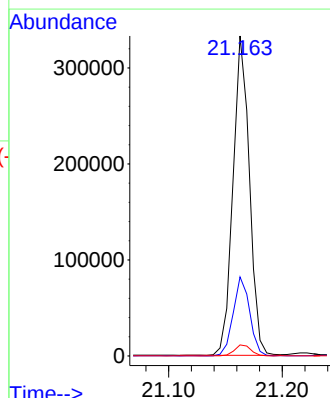
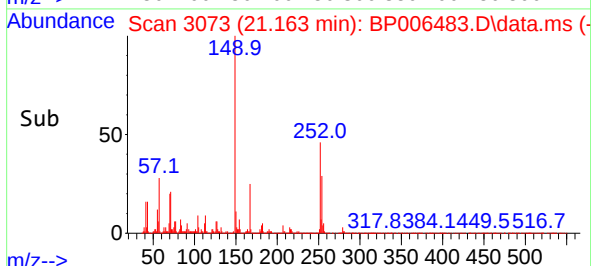
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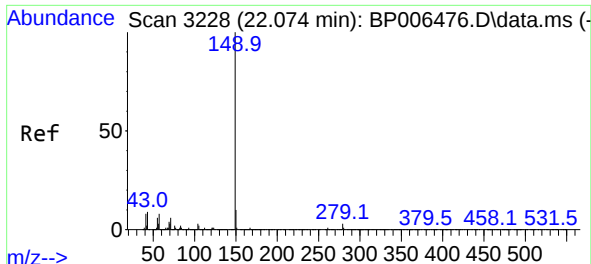


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.669 ng
RT: 21.163 min Scan# 3073
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08



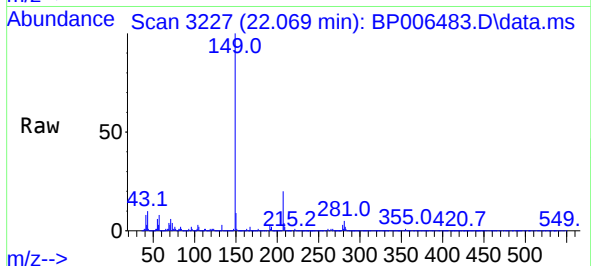
Tgt Ion:149 Resp: 332755
Ion Ratio Lower Upper
149 100
167 24.7 21.9 32.9
279 3.4 4.3 6.5#





#85
Di-n-octyl phthalate
Concen: 8.413 ng
RT: 22.069 min Scan# 3227
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

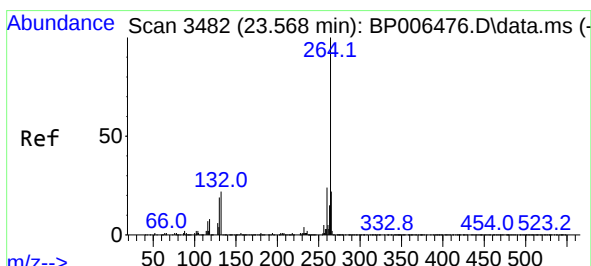
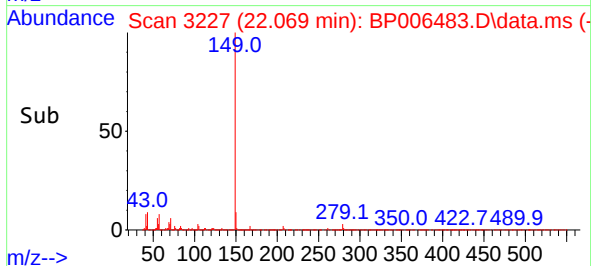
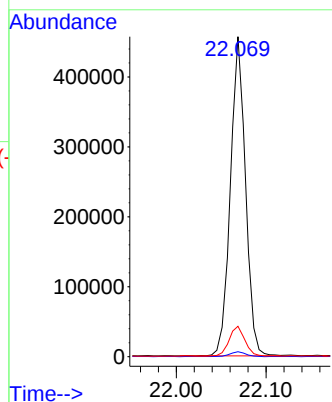
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:149 Resp: 532235
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.9 5.6 8.4#

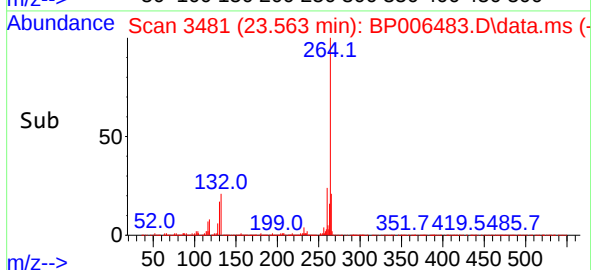
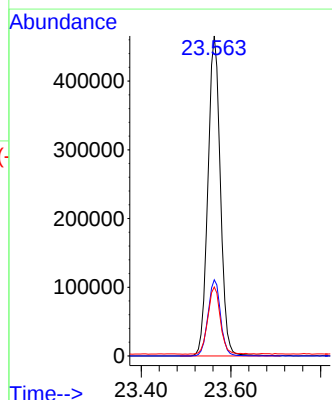
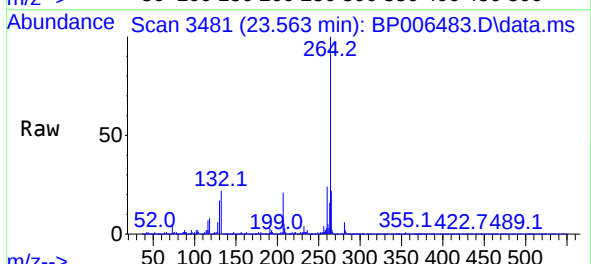
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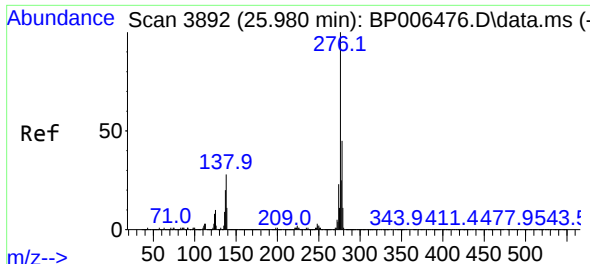
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.563 min Scan# 3481
Delta R.T. -0.006 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion:264 Resp: 894701
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.6 17.6 26.4





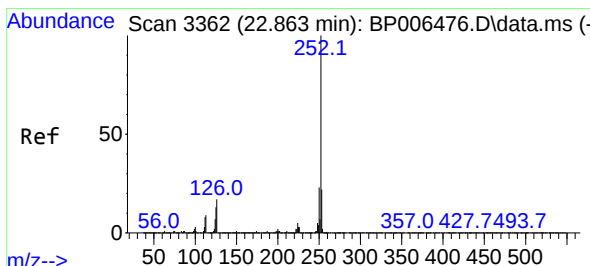
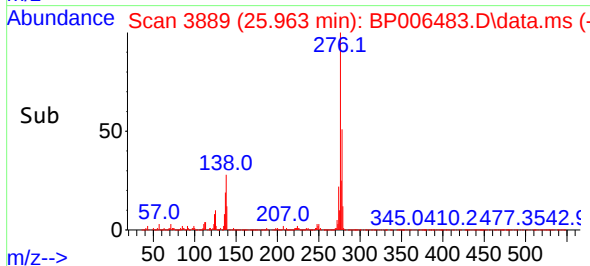
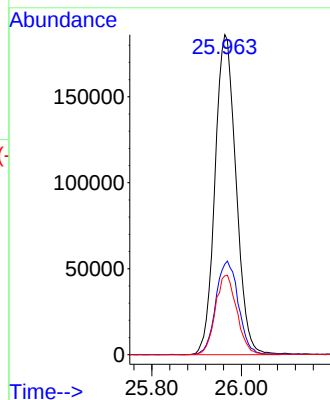
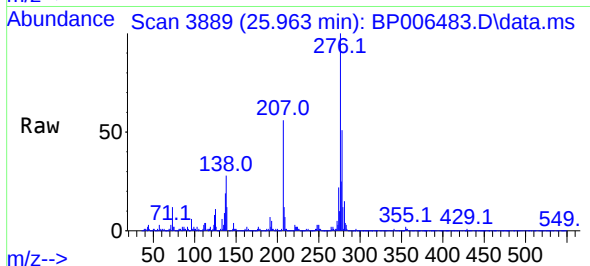
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.338 ng
RT: 25.963 min Scan# 3889
Delta R.T. -0.017 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion: 276 Resp: 605776
Ion Ratio Lower Upper
276 100
138 31.2 15.3 22.9#
277 25.5 20.4 30.6

Instrument :
BNA_P
ClientSampleId :
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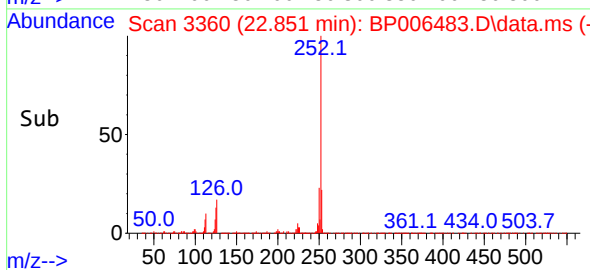
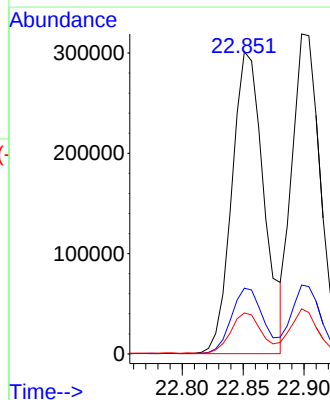
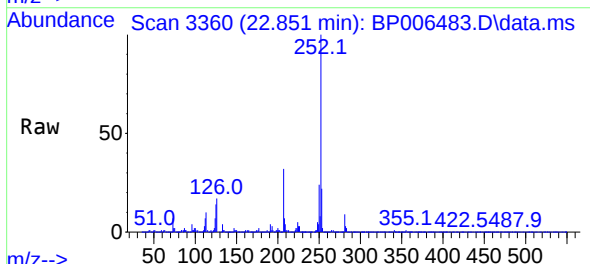
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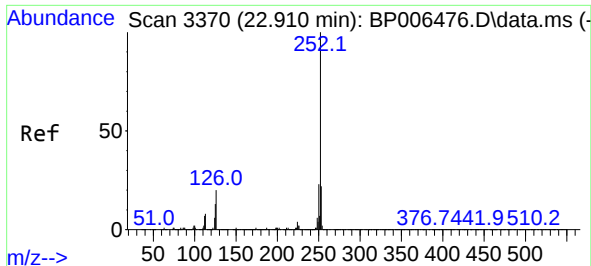
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#88
Benzo(b)fluoranthene
Concen: 9.512 ng
RT: 22.851 min Scan# 3360
Delta R.T. -0.012 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

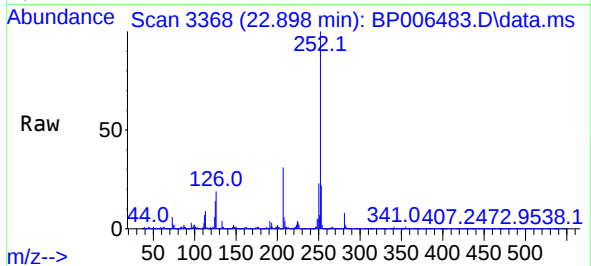
Tgt Ion: 252 Resp: 553095
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 13.6 6.2 9.4#





#89
Benzo(k)fluoranthene
Concen: 9.246 ng
RT: 22.898 min Scan# 3368
Delta R.T. -0.012 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

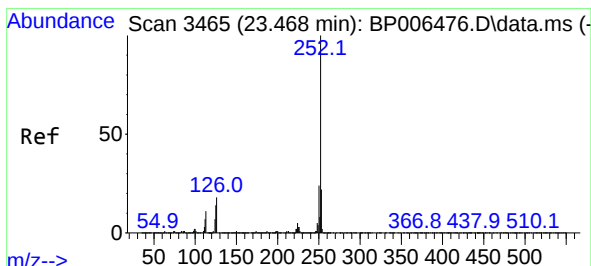
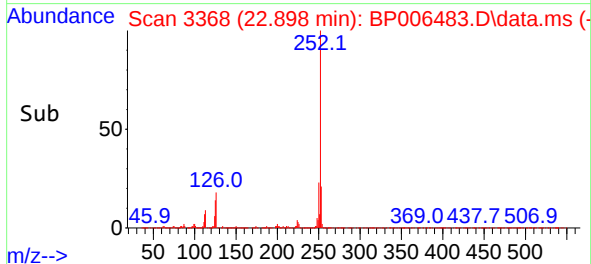
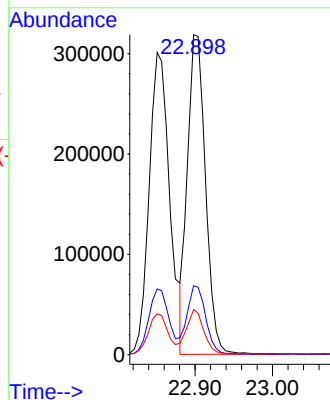
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:252 Resp: 516194
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 14.1 6.0 9.0#

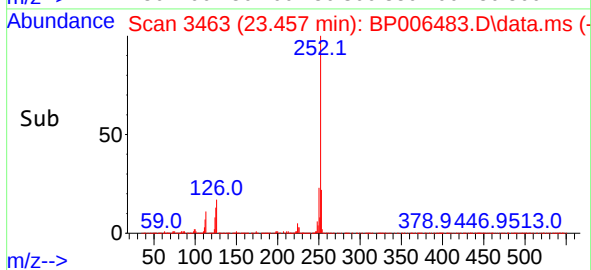
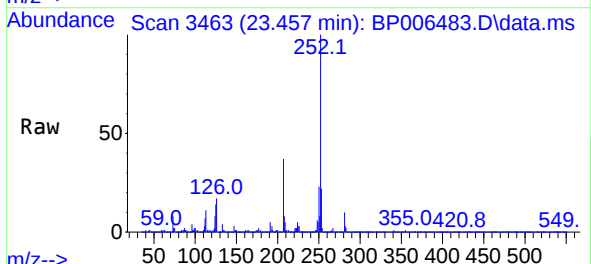
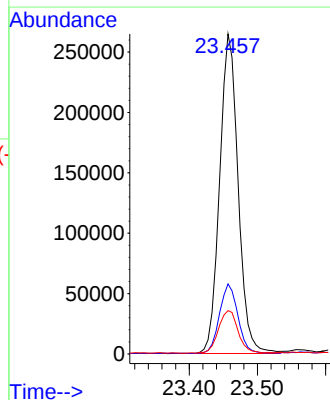
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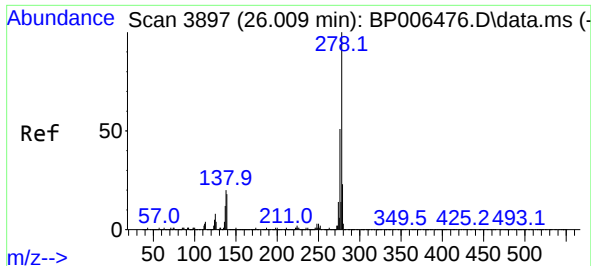
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#90
Benzo(a)pyrene
Concen: 9.586 ng
RT: 23.457 min Scan# 3463
Delta R.T. -0.012 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

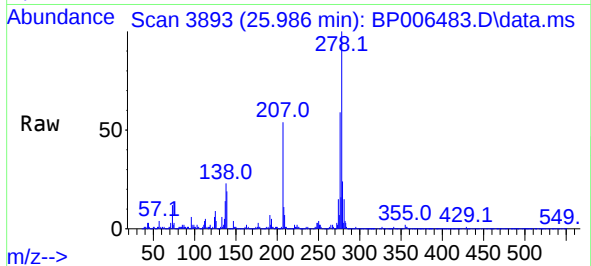
Tgt Ion:252 Resp: 499947
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 13.6 6.5 9.7#





#91
Dibenzo(a,h)anthracene
Concen: 9.383 ng
RT: 25.986 min Scan# 3893
Delta R.T. -0.023 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

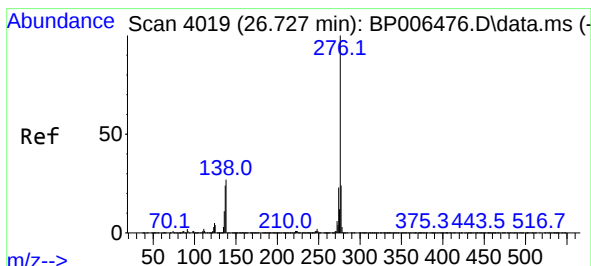
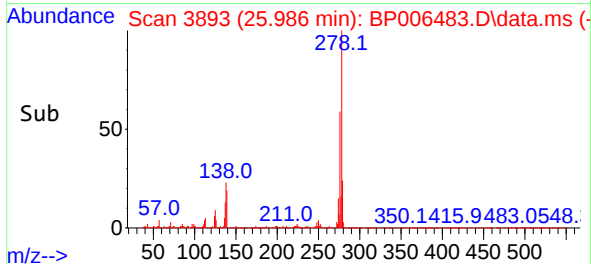
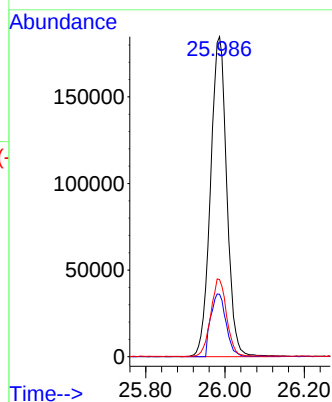
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:278 Resp: 526333
Ion Ratio Lower Upper
278 100
139 19.5 9.3 13.9#
279 24.1 18.8 28.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 9.428 ng
RT: 26.698 min Scan# 4014
Delta R.T. -0.029 min
Lab File: BP006483.D
Acq: 03 Aug 2021 18:08

Tgt Ion:276 Resp: 506780
Ion Ratio Lower Upper
276 100
277 23.1 18.9 28.3
138 26.0 12.6 18.8#

